



Government of West Bengal

Annual Report of the

Medical Schools in

West Bengal

For the Year

1944-45

with a Review

By

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FROM DR. A. C. CHATTERJI, M.B., D.P.H., *Director of Health Services,
Government of West Bengal,*

TO THE SECRETARY TO THE GOVERNMENT OF WEST BENGAL,
MEDICAL AND PUBLIC HEALTH DEPARTMENT.

Calcutta, the 27th July 1948.

SIR,

I have the honour to submit herewith the Annual Reports of the following Medical Schools in West Bengal for the session 1944-45 commencing in July 1944:—

- (1) Campbell Medical School, Calcutta.
- (2) Ronaldshay Medical School, Burdwan.
- (3) Jackson Medical School, Jalpaiguri.
- (4) Calcutta Medical School, Calcutta.
- (5) The National Medical Institute, Calcutta.
- (6) Sammilani Medical School, Bankura.

The first three of these are State Institutions and the rest are managed by private bodies.

2. The standard of training imparted in all these Medical Schools was up to the final Licentiate Examination of the Provincial State Medical Faculty. There were training classes for compounder students in all the Government Medical Schools except at the Jackson Medical School, Jalpaiguri.

3. The total strength of students in the various Medical Schools during the session under report was 2,236 as compared with 2,016 in the previous year. They are distributed as follows:—

				Number of students.	
				1943-44.	1944-45.
Campbell Medical School	...	...	565	677	
Ronaldshay Medical School	...	...	219	241	
Jackson Medical School	...	...	182	209	
Calcutta Medical School	...	...	415	449	
The National Medical Institute	...	...	309	384	
Sammilani Medical School	...	...	326	276	
Total			2,016	2,236	

The total number of new admissions in licentiate course during the year under report was 601 and 347 students came out successful in the final licentiate examination.

A total number of 78 students (including 32 newly admitted) were under training for the compoundership examination in the two Government Medical Schools and of which 38 appeared at the examination during the year under report and 26 came out successful.

4. No Sub-Assistant Surgeons received Post-graduate training during the year as no one could be deputed for the purpose.

5. The conduct and attendance of students of almost all the Medical Schools were generally satisfactory, except Campbell Medical School, where some troubles took place due to students' strike and the institution remained closed until they rejoined their classes with apologies after a pretty long time. The students of some of the Medical Schools had to face great sufferings due to the food shortage in the country.

6. No construction or repair work worthy of note was done during the year in the Medical Schools except at the Sammilani Medical School, Bankura.

7. The average cost for student per annum in the Government Medical Schools during the year under report was as follows:—

Campbell Medical School—Rs. 600.

Ronaldshay Medical School—Rs. 202.

Jackson Medical School—Rs. 285.

Thanks are due to the Superintendents and teaching staffs of the Medical Schools for the efficient management of the institutions in their respective charges throughout the year.

Yours faithfully,
A. C. CHATTERJI,
Director of Health Services,
West Bengal.

Annual Report of the Campbell Medical School for the year 1944-45.

I.—BUILDING AND ACCOMMODATION.

No new buildings were constructed during the year under review. Only urgent repairs were carried out.

II.—Teaching and Equipment.

(A)—Department of Chemistry and Physics.—The Chemistry and Physics classes for the first year students were held in the Department of Physics and Chemistry, Medical College, Calcutta, and were taken by Mr. Suresh Chandra Mukherjee, M.Sc., Senior Demonstrator of the Department. He delivered the prescribed course of lectures and held the practical classes laid down under the existing rules of the State Medical Faculty.

Full facilities for giving instruction to the students of the school, under the revised regulations, are not obtainable in the Medical College. A scheme for opening a separate department of Chemistry and Physics in the school has been submitted for sanction to the Surgeon-General, Bengal, under this office letters Nos. 177 and 755 dated the 25th March 1935 and 19th September 1935 respectively.

(B)—Department of Anatomy.—The Department was under the charge of Dr. L. K. Ghosh, M.B., Teacher of Anatomy, assisted by a staff of 5 Demonstrators. The number of students on the roll during the period was 366 distributed as follows:—

1st year—

(a) Regular students	...	...	...	188
(b) November students	...	...	...	30

2nd year—

(a) Regular students	...	...	...	59
(b) November students	...	...	...	89
				<hr/> 366 <hr/>

Apart from the prescribed course of lectures delivered by the teacher 54 demonstrations were given to the students in course of the summer term (July to October) according to the following programme:—

- (1) 188 regular 1st year students were divided into 7 batches of 25 and 26.
- (2) 30 November 1st year students were given demonstration daily for one year.
- (3) 59 2nd year students divided into 3 batches forming a batch of 20 students.
- (4) The November 2nd year students were distributed in 3 batches each batch containing 24 students.

These demonstration classes include demonstration of soft part (Viscera, Eye, Brain, Surface Markings) besides demonstration in bones. Detained November and plucked 2nd year students had separate classes.

During the winter session—Dissection classes were held daily from 11 a.m. to 3 p.m. from the end of the October 1944 to the end of April 1945. The number of students who attended this session was 218 in the 1st year and 148 in the 2nd year class.

The total number of students was 307 and 54 dead bodies were dissected by them.

During February, March and April 1944, special demonstration classes were held for demonstrating brain, eye, viscera and surface markings.

On completion of dissection of a part, each student was examined on that part and on passing an oral examination was allowed to take up another part to dissect.

Tutorial classes were also taken during the session for a batch of 25 students, for one hour daily, during the month of February and for five batches daily during the months of March and April when the dissections were over.

In addition to this the undermentioned work auxiliary to the work of teaching were also carried out.

One hundred and one bodies were injected with colour dyes of which 58 were used for dissection in the school. Fourteen for the operative surgery classes held in the school and 26 colour injected bodies were supplied to the State Medical Faculty for Anatomy and Surgery Examination. Four bodies were macerated for bones, 3 colour injected dead bodies were decomposed. Fifty-six non-injected bodies were given to Medical College, 18 non-injected were supplied to Calcutta Medical School and 2 non-injected were supplied to National Medical Institute.

(b) Bones articulated and non-articulated were supplied to the following institution.

(c) Four articulated skeletons were supplied to St. John Ambulance Association, New Delhi.

(2) One articulated skeleton was supplied to the Professor of Medical Jurisprudence, Calcutta Medical College.

(3) Two disarticulated sets were supplied to 1st year students, Campbell Medical School.

Requirements.—The provision of a electric cooling chamber for 12 bodies is required and sanction has already been applied for.

(C) Department of Physiology.—The Department was under the charge of Dr. M. L. Chakravarti, M.Sc., M.B., assisted by a staff of three Demonstrators. The number of students on the roll during the session was 344 of whom 232 were students of the first year and 112 of the second year classes. They were given the usual course of instruction prescribed by the faculty regulations by the teacher concerned, and a course of 34 demonstrations for 2nd year and 25 for 1st year. Twenty-five practical classes were also held in addition to demonstrations. The students were divided into batches of 27 for the demonstration and practical classes which were attended by the three demonstrators along with the teacher.

The duration of a class was one hour. The classes for the first and second year students were separate.

In the demonstration classes under the Microscope Histological specimens of the principal organs and tissues were shown along with diagrams, some permanent and some sketched on the black board on the occasion. For each class 25 Microscopes were provided. A descriptive card was placed alongside of each microscopical slides to help the students. In

addition each student was required to draw, in a special Laboratory work, diagrams of typical specimens viewed under the Microscope. In the practical classes methods of straining tissue section and blood films, estimation of sugar in urine and in use of the commoner clinical instruments such as the Sphygmomanometer, Haemocytometer, Albuminometer, Coagulometer, Ureometer, etc., were used. The department had carried out during the year 1944, 2,316 clinical examinations for the hospital as against 1,136 examinations carried out in the previous years. The department had to prepare and supply sp. gr. solution to the Cholera Ward, distilled water to outdoor and indoor dispensary of this hospital and I.H. T. solution for blood transfusion in the ward. This department took up the biochemical investigation of the destitute cases under I.R.F.A. for which I.R.F.A. placed one Biochemist, one Laboratory Assistant to work under the guidance of the Teacher in charge of the Department.

Requirement.—Two Laboratory Assistants and a menial are absolutely necessary of which one Laboratory assistant has already been provided.

(D) Materia Medica and Pharmacy.—(i) *For Licentiate students.*—The prescribed course of lecture was delivered to the students of the 1st and 2nd year class by Dr. Ali Ahmed, M.B., the Teacher of the subject. The number of students on the roll during the session was 366 of whom 218 were students of the first year and 148 of the second year classes.

Demonstration classes were held in batches separately for the first and second year students there being 25 students in each batch by the Teacher of the compounder class as a local arrangement.

The practical pharmacy classes for the 2nd year students were held from July 1944 to February 1945. The students were divided into batches of 25 students in each and the number of classes attended by each batch was about 21. The classes were taken by the Assistant Apothecary in which compounding and dispensing of mixtures, lotions, ointments, plasters, pills and suppositories were taught.

(ii) *For compounder students.*—The number of students on the roll was 25. They had 112 practical pharmacy classes, 59 demonstrations and 58 lectures in Materia Medica were held during the year by the Teacher, Compounders Class.

Requirements.—There is no department of Materia Medica or any special class room for holding the practical pharmacy classes in this school. The pharmacy classes were therefore held in the indoor dispensary though there is no suitable accommodation for holding the classes. A scheme for the establishment of a department of Materia Medica has been forwarded under this office letter No. 755, dated the 19th September 1935. One Demonstrator, One Laboratory Assistant and a peon are necessary to facilitate training in the light of modern teaching of the subject.

(E) Department of Pathology.—I—The Department was under the charge of Dr. S. C. Chandra, B.Sc., M.B., Teacher of Pathology, assisted by a staff of 3 demonstrators throughout the year. The number of students on the roll during the session was 217. A course of 40 lectures on Pathology and Bacteriology was delivered by the Teacher and 25 demonstrations and practical classes were held for students in batches of 15 each.

The practical classes are taken in the Physiology laboratory. A separate place for the Pathological Department is urgently required.

The Department of Medicine.—(i) The prescribed course of 50 lectures was delivered during the summer term by Dr. Nawab Ali, M.B.

(ii) Clinical demonstrations were given in the wards daily throughout the year by the Teacher and the other Physicians-in-charge including the Physician in charge of the Children and Infectious wards and also by the Associate Physicians.

Tutorial classes for students were taken in batches for one hour in the evening by the Resident Medical Officer attached to the wards. The writing up of case note and performance of clinical laboratory work were supervised by the Registrars and House Physicians respectively.

(B)—In the wards the students were taught the methods of physical examination, laboratory examination, application of clinical instruments and interpretation of Radiograms. They were taught also the elements of practical therapeutics.

Requirements.—The installation of an Electrocardiograph is urgently necessary for investigation and diagnosis of the large number of heart cases treated in the hospital. At least two clinical pathologists are absolutely necessary for adequate investigation of the cases which will improve clinical instructions given to the students.

(H) Hygiene (Preventive Medicine).—The prescribed course of 20 lectures was delivered by Mr. M. U. Ahmed, Health Officer, Corporation of Calcutta. Models lent by the All-India Institute of Hygiene and Public Health were made use of by the lecturer for demonstration to the students. Practical field demonstrations were held and were attended by the students who appeared at the Final Examination in April 1944. The demonstrations were carried out by the Teacher concerned which included visits to Waterworks, Disinfecting Station, Vaccination Depot, Milk supply Depot and installation for destruction of refuse.

A museum of models and specimens is required.

Training in Infectious Diseases.—The students of the 3rd and 4th year classes were detailed to the Infectious Ward in batches for a period of one and a half month. These included wards for the Cerebrospinal fever, Tetanus, Cholera and Small-pox wards. Here they were taught the technique of Lumbar, Cisternal and Venticular punctures in Cerebrospinal fever and Rogers Saline treatment of Cholera. In the Small-pox wards, epidemiology, infectivity, character and rash, points of differentiation from other exanthemata, importances of personal prophylaxis and of vaccination against the diseases were taught. Next a three months' course of practical instructions in the management of infectious diseases was also held in the appropriate sections of the hospital for the students of the D.P.H. and D.M.C.W. from the All-India Institute of Hygiene.

Medical Jurisprudence (Forensic Medicine).—The subject was taught by Dr. M. Hossain and Dr. U. C. Sarkar, M.B., Teacher of Medical Jurisprudence. Besides the usual course of lectures, 6 medico-legal post mortems were held during the year which the students had the opportunity of witnessing.

(J) Children Ward (Pediatrics).—The department consisting of a ward of 20 beds was under the charge of Dr. S. C. Mitra, the Associate Physician. The total number of cases admitted during the year was 670. Students of the 3rd year class, in batches of 10 to 15, were detailed for instructions for a month and a half at a time in this ward. They had training in disease in early childhood including systematic instructions in methods of examination, care, feeding and treatment of infantile disorders. Special attention was paid to developmental and efficiency diseases, such as Rickets, Nutritional Anæmia, Endocrine disorders, etc.

Department of Surgery.—The prescribed course of 100 lectures was delivered by the Teacher, Dr. T. Acharji, M.B. During the year 20 practical classes in Operative Surgery were held by the Teacher of Clinical Surgery and Tutorial Classes by the Associate Surgeons and the Resident Medical Officers. Clinical Instructions were given in the Outpatients Department and in the wards. In the latter section the students were required to act as surgical dressers and also to attend all operations performed by the Surgeon in charge. Special instructions in Ear, Nose and Throat Diseases and in Ophthalmic Surgery were given by Dr. N. B. Ghosh, M.B., D.O.M.E., the Ophthalmic Surgeon. The Kirsch wire extension method of treatment of fractures was frequently made use of by the Surgeons, also Surgical Diathermy for operations wherever required. Further new Government grant obtained from January 1944 and Venereal Department was extended, the hours being changed from 11 to 1 p.m. to 8.30 to 11 a.m. The female section was also considerably improved being placed under a lady doctor under the supervision of Venereal Surgeon.

(K) Ophthalmic Surgery.—There are 20 beds available but on account of present emergency it was cut down to 13 for treatment of eye cases and the number of inpatients treated during the year was 794. All varieties of cases including severe conjunctivitis, special types of corneal ulcers, diseases of the lens and ciliary body, etc., were admitted for teaching purposes and treated. Besides clinical demonstrations were given on 6 days of the week, three of which were taken by the Honorary Ophthalmic Surgeon and the remaining three days by the Honorary Associate Surgeon. The cases of the wards were distributed amongst the students for examination and follow up of their treatment and progress. The student in charge of a case was required to help in the operation with the hand lamp to illuminate the eye, so that he could see every step of the process well. During and after the operation the steps were explained to him as well as to the other students of the ward and the student concerned was required to write the operation notes. 1,632 eye cases were seen in the Outpatients Department during the year consisting of a wide variety of eye diseases which the students had the opportunity of examining. Twenty lectures were delivered by the Surgeon on diseases of the eye. Special stress was laid in those lectures which were illustrated by models, diagrams and specimens on the preventive aspect of blindness and spread of infection.

(L) Obstetrical and Gynaecological Section.—The department was under the charge of Dr. S. C. Bose, M.B., F.R.C.S., M.R.C.O.G., Teacher of Midwifery, Campbell Medical School. Fifty lectures on Obstetrics and Gynaecology were delivered by the teacher to the students of the 4th year class. The number of beds available in the section was 44, 22 Obstetrical and 22 Gynaecological which were always full. The students were detailed for duty in the wards in batches of 20 at a time for a period of three months and they were required to follow the cases from the time of admission to the date of discharge. In the bedside clinics special stress was laid on Hygiene. Mechanism of labours (normal and abnormal) uses and applications of commoner Obstetrical instruments were demonstrated on the dummy regularly to the students. They attended 226 labour cases and 204 operations during the year. Total number of confinements during the year 1,479 and the previous year 1,357. Total number of Gynaecological operations this year 460, previous year 337.

Outpatients Department.—The Department consists of a Surgical Section, a Medical Section, a separate section for women for the diseases of the eye, ear, nose and throat, venereal and a vaccination section, a casualty

section and a dispensary. The building however is much too small for accommodating the existing departments and has no accommodation at all for opening a chest department, and a skin department which are also necessary. The difficulties can be got over, only by construction of a more spacious building. The Veneral Section (male) is opened in the Woodburn Ward as a temporary measure. This is very popular but cannot adequately expanse for want of sufficient space.

V. D. Clinics.—The students of the 4th year class were given instructions for a week at a time in batches of five. They were taught the recent methods of prophylaxis, diagnosis also laboratory methods and treatment of the diseases.

Conduct and attainments of students.—Generally speaking, the attainments of the students were not satisfactory, due to the minimum qualification for entrance to the school being the Matriculation Standard. Raising of the qualification from Matriculation to I.Sc., would be desirable to enable the students to grasp the subject more thoroughly.

Two hundred and five students were admitted to the Licentiate class, as shown in Table (C) of whom 6 were B.Sc. and 58 I.Sc.s as against 1 B.Sc. and 22 I.A. and I.Sc.s admitted the year before. Thirty-one students were admitted to the Compounder class.

Students' Union.—The students' union is divided into the following sections:—

- (1) The literary and scientific section and students' benefit section.
- (2) The Entertainment section.
- (3) The Athletic section.

The Campbell Medical School Magazine is published yearly by the literary and scientific section.

The Campbell Medical School teams took part in various tournaments and they all acquitted themselves well.

Football and Cricket sections are having very successful enterprise in local and outside tournaments as well. Besides this the Athletic Section is running all sorts of indoor games and well equipped gymnasium.

Remarks.—This institution passed through unprecedented troubles on account of strikes of the students in the year under report and in the previous year in which the menials and the A.R.P. male nurses also joined and which required certain departmental actions. Students' strike however continued up to January 1944. The situation was so bad that the school had to be closed *sine die* in 1942 and Government declared that until a sufficiently large number of students applied with apology to rejoin the institution unconditionally the school was to remain closed. My predecessor took charge in January 1944 and very soon after, applications for rejoining the institution with apologies for going on strike were received and since Government conditions were fulfilled, the school was reopened on the 27th January 1944.

The reunion of the present and past students was held in February when the atmosphere of this institution was more quiet. This consisted of reunion functions as the Presidential reception and address also Scientific meetings, the medical exhibition and various amusements in which doctors, male students and the lady students participated.

First Aid Class.—A course of instruction in First Aid to the injured was given to the compounder students by the Demonstrator of Anatomy.

Post graduate training class.—No Sub-Assistant Surgeons received post graduate training during the year under report.

Athletic Club.—The club has been well maintained and the students took great interest in competitions and friendly games.

Finance.—The total receipt of the school other than from Government during the year under report was Rs. 64,303-4 and the total expenditure Rs. 1,30,958-13 as against Rs. 57,911-10-6, total expenditure Rs. 1,24,541-2-6.

The details of the receipt and expenditure for the last two years are given in Table (E).

The causes of increase or decreases of income and expenditure, in comparison with those of the previous year, are stated at the foot of Table (E).

The average primary cost per student educated was Rs. 600 per year.

Establishment.—Rai Dr. A. R. Majumdar Bahadur, M.B., throughout the year under report.

Dr. W. Mahmud, M.B., held charge of the office of the Deputy Superintendent throughout the year.

Annexure I.

LIST SHOWING THE NAMES OF THE STAFF WITH THEIR ACADEMIC QUALIFICATIONS AND THEIR DUTIES IN THE CAMPBELL MEDICAL SCHOOL ALSO WHETHER WHOLE-TIME, PART-TIME OR HONORARY.

- (1) Rai Dr. A. R. Majumdar Bahadur, M.B., Superintendent (Part-time Officer).
- (2) Dr. T. Acharji, M.B., Teacher of Surgery (Part-time Officer).
- (3) Dr. S. K. Chatterjee, M.B., F.R.C.S.E., D.L.O., Teacher of Clinical Surgery (Part-time Officer).
- (4) Dr. U. P. Mukherjee, M.S., Additional Teacher of Clinical Surgery (Part-time Officer).
- (5) Dr. B. B. Ghosh, M.B., D.O.M.S. (Lond.), Teacher of Ophthalmic Surgery (Honorary).
- (6) Dr. Nawab Ali, M.B., D.T.M., Teacher of Medicine (Part-time Officer).
- (7) Dr. S. C. Bose, M.B., M.R.C.O.G., Teacher of Midwifery (Part-time Officer).
- (8) Dr. M. Hossain, M.B., and Dr. U. C. Sarkar, M.B., Teachers of Medical Jurisprudence (Part-time Officers).
- (9) Dr. S. K. Bhattacharji, B.Sc., M.B., Teacher of Pathology and in charge of the Pathological Department (Part-time Officer).
- (10) Dr. M. U. Ahmed, Teacher of Hygiene (Honorary), (Part-time Officer).
- (11) Dr. M. Chakravarti, M.Sc., M.B., Teacher of Physiology and in charge of the Physiological Department (Part-time Officer).
- (12) Dr. L. K. Ghosh, M.B., and Dr. A. Rahman, M.B., Teachers of Anatomy and in charge of the Anatomy Department (Whole-time Officers).
- (13) Dr. Ali Ahmed, M.B., Teacher of Materia Medica (Part-time Officer).
- (14) Dr. S. C. Mukherjee, M.Sc., Teacher of Chemistry and Physics (Part-time Officer).

Five Demonstrators, Anatomy Department (Whole-time Officers).

Three Demonstrators, Pathology Department (Whole-time Officers).

Three Demonstrators, Physiology Department (Whole-time Officers).

Dr. R. Chakravarti, Demonstrator of Materia Medica and Teacher, Junior Compounds' Class (Whole-time Officer).

Students on 1st July 1944.

	Male.	Female.	Total.
(1) Sex of student	351	39	390
(2) Maximum number of new admission annually.	150 +	15	165
(3) Age limits, high and low for students on admission—No high age limit. Must be over 15 years.			
(4) Standard of general education required on admission to the school—Matriculation or its equivalent in the minimum standard.			

Examinations.

- (1) Name of examiners at each of the examination—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.
- (2) By whom appointed and for how long at a time—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.
- (3) Percentage of marks required at each examination to obtain a pass—40 per cent.
- (4) Proportion of students who take all the subjects at the Final Examination—77·7 per cent.

Financial.

- (1) Cost to Government or to the body responsible for the school per student per annum in the school—Rs. 600.
- (2) What percentage of students are paid for by—
 - (a) Government—13·71 per cent.
 - (b) Local bodies or other agencies—5·42 per cent.
 - (c) Privately by their guardians—82·87 per cent.

LIST SHOWING NAMES OF STAFF WITH ACADEMIC QUALIFICATIONS AND THEIR DUTIES IN THE CAMPBELL HOSPITAL ATTACHED TO THE MEDICAL SCHOOL, WHETHER WHOLE, PART-TIME OR HONORARY.

- (1) Rai Dr. A. R. Majumdar Bahadur, Superintendent of Hospital and in charge of European Small-pox Hospital (Part-time Officer).⁶
- (2) Dr. T. Acharji, M.B., Surgical Ward (Part-time Officer).
- (3) Dr. N. K. Nag, M.B., Associate Honorary (Part-time Officer).
- (4) Dr. S. K. Chatterjee, M.B., F.R.C.S.E., D.L.O., Surgical Ward (Part-time Officer).
- (5) Dr. N. C. Banerjee, Associate Honorary (Part-time Officer).
- (6) Dr. U. P. Mukherjee, M.S., Surgical Ward (Part-time Officer).
- (7) Dr. S. Sen Gupta, M.B., Associate Honorary (Part-time Officer).
- (8) Dr. M. L. Pan, M.B., F.R.C.S., Honorary Surgeon, Surgical Ward (Part-time Officer).
- (9) Vacant, Associate Honorary (Part-time Officer).
- (10) Dr. B. B. Ghosh, M.B., D.O.M.S., in charge, Eye beds (Honorary), (Part-time Officer).
- (11) Dr. P. K. Guha, Associate Honorary (Part-time Officer).
- (12) Dr. A. M. Malik, M.B., Honorary Additional Associate Surgeon to the Honorary Ophthalmic Surgeon (Part-time Officer).
- (13) Dr. Nawab Ali, M.B., D.T.M., Teacher in charge of 1st Medical Ward, (Part-time Officer).
- (14) Dr. A. C. Sen, M.B., Associate Honorary Physician (Part-time Officer).
- (15) Dr. S. C. Chatterjee, M.B., M.B.C.S., L.R.C.P., Honorary Physician (Part-time Officer).
- (16) Dr. M. N. Sarcar, M.B., Associate Physician (Part-time Officer).

- (17) Dr. S. C. Bose, M.B., Teacher in charge of the Midwifery and Gynaecology Wards (Part-time Officer).
- (18) Dr. R. Sinha, M.B., Associate Honorary (Part-time Officer).
- (19) Dr. Md. Hossain and Dr. U. C. Sarkar, Teachers in charge of the Infectious Diseases Ward (Part-time Officers).
- (20) Dr. P. Chatterjee, M.B., Associate Honorary (Part-time Officer).
- (21) Dr. N. K. Brahmachari, Honorary Medical Officer, Infectious Diseases Wards (Part-time Officer).
- (22) Dr. Monmohan Ghosh, M.B., Associate Honorary (Part-time Officer).
- (23) Dr. M. Ali and Dr. Ali Ahmed, Teachers in charge of 2nd Medical Ward (Part-time Officers).
- (24) Dr. H. K. Roy, Associate Honorary (Part-time Officer).
- (25) Dr. L. K. Mitra, Honorary Physician, Children Ward (Part-time Officer).
- (26) Dr. S. C. Mitra, Honorary Associate Physician, Children Ward (Part-time Officer).
- (27) Capt. M. Mukherjee, M.B., D.M.R.E. (Cantab.), Honorary Radiologist (Part-time Officer).
- (28) Dr. S. Bhattacharjee, Pathologist to Hospital (Part-time Officer).

Outpatients' Department.

- (29) Dr. M. L. Chakravarti, M.Sc., M.B., Teacher in charge of the Outpatients Department (Part-time Officer).
- Dr. A. Majid, M.B., Resident Physician and in charge of Outpatients' Department (Part-time Officer).

Veneral Department.

- (30) Dr. B. B. Sinha, M.B., Medical Officer, V. D. Clinics (Part-time Officer).

Eye Department.

- (31) Dr. B. B. Ghosh, M.B., D.O.M.S. (Lond.), Ophthalmic Surgeon, Outpatients Department (Honorary), (Part-time Officer).
- (32) Dr. (Mrs.) Asema Khatoon, in charge of the Female Outpatients Department (Whole-time Officer).

Dental Department.

- (33) Dr. J. K. Majumdar, M.B., Surgeon (Part-time Officer).
- (34) Dr. M. Hoque, Associate (Part-time Officer).

E. H. LOSSING, MAJOR, I.M.S.,
Superintendent, Campbell Medical School and Hospital.

TABLE A.
Statement showing the attendance of the students of Campbell Medical School, Calcutta, during the year 1944-45.

Session.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		Remained on the roll from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other Medical School.	Total.	Left the school after having passed the Final L.M.F. Examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure at the School Test Examination.	Discharged for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Dead.	Total.	Remained on the roll at the end of the year.	Average monthly number of pupils.	Average daily attendance.
1943-44—																		
Male	..	381	116	10	2	509	82	..	26	26	1	1	22	..	159	351	410.56	395.72
Female	..	41	12	..	3	56	13	..	..	1	..	..	3	..	17	39	45.07	42.63
1944-45—																		
Male	..	351	179	78	5	613	106	..	73	32	..	..	6	..	217	396	450.75	444.06
Female	..	39	25	..	..	64	9	..	..	1	..	..	..	..	10	54	56.34	56.03

TABLE B.

Classification of students according to religion and nationality taught in and passed out of the Campbell Medical School, Calcutta, during the year 1944-45.

Classification.	Total number of students taught during the year, i.e., number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final L.M.F. Examination.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
1. Anglo-Indian Christian ..	..	..	..	..
2. Indian Christian	1	1	..	1
3. Hindus—				
Brahmins	138	11	18	..
Non-Brahmins	290	42	57	6
4. Muslims	177	13	33	1
5. Others .. ..	..	1	..	..
Total	606	68	108	8
<i>Nationality.</i>				
1. Anglo-Indian or Indian Christian	1	1	..	1
2. Bengalees	605	66	108	7
3. Assamese .. ..	..	1	..	..
4. Nepali .. ..	..	..	..	..
5. Sikkimes and Bhutanis ..	..	..	..	..
6. Madrasis .. ..	..	..	..	..
Total	606	68	108	8

TABLE C.

Classification according to general education of the students during the year 1944-45 and the previous year of the Campbell Medical School, Calcutta.

Classification.	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	3	4	5	6	7	8	9
B.A. or B.Sc.—								
1943-44 ..	1	..	..	..	..	..	..	..
1944-45 ..	6	..	..	..	..	..	..	..
I.A. or I.Sc.—								
1943-44 ..	13	7	2	..	..	..	..	..
1944-45 ..	52	..	5	1	..	..	..	..
Matriculation—								
1943-44 ..	66	5	34	..	..	..	..	..
1944-45 ..	76	21	41	3	..	..	..	..

TABLE D (a).

Statement showing the results of the Compoundership Examination of the Campbell Medical School, Calcutta, during the year 1944-45 and the previous year.

Sessions.	Remain- ing from the pre- vious year.	Number of students admitted during the year	Number of students removed through- out the year.	Total number of students under training.	Number appeared at the examination in—		Number passed in —	
					September.	March.	September	March
1	2	3	4	5	6	7	8	9
1943-44 ..	20	31	7	51	20	2	19	2
1944-45 ..	30	21	5	51	11	3	7	3

TABLE E.
Statement showing the income and expenditure of the Campbell Medical School, Calcutta,
during the year 1944-45 and the previous year.

Head of receipts.	Income.				Head of expenditure.	Expenditure.			
	1943-44.	1944-45.	Increase.	Decrease.		1943-44.	1944-45.	Increase.	Decrease.
Receipts from other sources than Government school fees.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Establishment	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fines	54,885 0 0	59,270 12 0	4,385 12 0	..	Scholarships	88,900 3 0	88,324 0 0	..	..
Entrance fees ..	716 0 0	413 8 0	..	302 8 0	Contingencies	20,664 11 0	19,850 11 0	..	814 0 0
Miscellaneous ..	1,171 0 0	1,222 0 0	51 0 0	..	Book allowance	5,084 11 0	7,995 2 0	2,910 7 0	..
	677 10 6	1,871 0 0	1,193 5 6	..	Prizes ..	162 0 0	99 0 0	..	63 0 0
Mohsin Fund	..	{ 40 0 0	..	..	Taxes ..	247 11 0	247 11 0	..	..
	7 0 0	{ 1,024 0 0	..	..	Building repair	3,148 6 0	3,146 6 0	..	2 0 0
Income from investment of Maharaja Sainthia Bahadur of Gwalior Trust Fund for prizes.	..	7 0 0	..	..	Stationery and forms	521 6 0	4,052 0 0	..	..
	95 0 0	95 0 0	..	..	Medical and surgical requisites.	700 0 0	270 11 0	..	429 5 0(c)
Compass of Dufferin Fund (West Bengal Branch) and Walter Thompson Scholarship Fund	360 0 0	360 0 0	..	..	Remuneration to Taxidermist.	4,373 5 6	5,354 1 0	980 11 6	..
	..	..	..	..	Mohsin Fund	84 0 0	100 3 0	16 0 0	..
	..	..	..	..	Compass of Dufferin Fund (West Bengal Branch) and Walter Thompson Female Scholarship Fund.	..	1,064 0 0	..	..
	..	..	..	..		95 0 0	95 0 0	..	..
	..	..	..	..		360 0 0	360 0 0	..	..
Total ..	57,911 10 6	64,303 4 0	..	..		1,24,541 2 6	1,30,958 13 0	..	..
Receipts from Government	66,429 8 0	66,655 9 0	..	..	Total expenditure ..	1,24,541 2 6	1,30,958 13 0	..	..

(a) Increase due to increase in the number of students paying school fees.
 (b) Increase due to sale of increase in the number of admission forms and bones, etc.
 (c) Decrease due to less requisition of forms.

E. H. LOSSING, MAJOR, I. M. S.
Superintendent, Campbell Medical School and Hospital.

Annual Report of the Ronaldshay Medical School, Burdwan, for the year 1944-45

Buildings and Accommodation.

No new building was constructed in this institution during the year under report.

The following new works are urgently needed and necessary allotment of fund for the purpose is required:—

- (1) Construction of a Moslem Hostel.
- (2) Electric installation in existing hostel building.
- (3) Extension of the Physiology and Pathology Departments for better accommodation.
- (4) Common room for students.
- (5) Compound wall of the Anatomy Department.
- (6) Extension of the Anatomical Museum.
- (7) Construction of a Hygiene Museum.

Teaching and Equipment.

Chemistry and Physics.—This department is well equipped. Lectures, demonstrations and tutorial classes were regularly held and special attention was given to the plucked students. The results of examination on this subject were satisfactory.

Anatomy.—Lectures, demonstrations and tutorial classes as prescribed in the syllabus were regularly held. 34 dead bodies were supplied to the students for dissection. The department is equipped with 194 diagrams, 41 models, 7 skeletons and 15 sets of bones.

Materia Medica.—The department is moderately equipped. The drugs are systematically arranged in proper show cases to facilitate demonstration.

Physiology.—The Physiology Department has a spacious and well equipped practical laboratory. Lectures, demonstrations and practical classes as prescribed in the syllabus were regularly held. The department is equipped with 58 diagrams, 16 microscopes and one oil immersion lens. The following clinical and biochemical works were done in the department during the year under report:—

(1) Blood sugar	..	..	..	1
(2) Urine sugar	..	..	..	7
(3) Cystic fluid urea	..	..	..	Nil
(4) Blood urea	..	..	..	1
(5) Urine urea	..	..	..	1
(6) Gastric contents	..	..	..	2
(7) Urine	..	..	..	5
Total				17

Surgery.—Besides attending the prescribed course of lectures the students attended all surgical operations in batches. The senior students were given the opportunities of helping the surgeon in operation and they were also given facilities of performing minor operations in presence of the surgeons.

Medicines.—The prescribed lectures were delivered by the teacher. Clinical demonstrations and instructions in case taking were regularly

given in the wards. Performance of clinical laboratory works was supervised by the Clinical Pathologists.

Midwifery and Gynaecology.—The usual lectures were delivered by the teacher. The students received clinical teaching in the L.C.F. Ward of the Burdwan Fraser Hospital. There were 141 labour cases which the students attended and out of these 53 were instrumental deliveries. 49 gynaecological operations were performed in this department during the year in which the students assisted the teachers.

Medical Jurisprudence.—The teacher delivered the usual lectures. The senior students attended the medico-legal post-mortem examinations and received practical demonstrations on the cases.

Hygiene.—The teacher delivered the prescribed number of lectures and conducted field demonstrations. The department is equipped with a set of diagrams and models.

Pathology.—The prescribed lectures and demonstrations were regularly held. Students examined clinical specimens in the Pathological Laboratory of the hospital. They were also given demonstrations on museum specimens. Much difficulty is being experienced for want of a refrigerator, administrative sanction for which has already been obtained. Necessary allotment of fund for the purpose is expected. The department is equipped with 17 microscopes.

A detailed description of the work done in the department during the year is given below:—

Blood—					
M. P.	..	..	..	..	10
Different count	..	..	..	..	6
Widal	..	..	..	..	3
Kahn	..	..	..	..	23
Stool—					
Culture	..	..	..	..	2
Urine—					
Microscopical	..	..	..	..	7
Culture	..	..	..	..	14
Sputum—					
Microscopical	..	..	..	..	15
Culture	..	..	..	..	2
Autovaccine	..	..	..	..	5
Smear	..	..	..	..	1
Pleural fluid—					
Microscopical	..	..	..	..	3
Culture	..	..	..	..	3
C. S. Fluid—					
Microscopical	..	..	..	..	21
Culture	..	..	..	..	18
Swab—					
Microscopical	..	..	..	..	3
Culture	..	..	..	..	9
Pus—					
Microscopical	..	..	..	..	3
Culture	..	..	..	..	25
Micro Section	..	..	..	..	3
Abdominal fluid—					
Microscopical	..	..	..	..	2
Culture	..	..	..	..	1

Compounders' and dressers' classes.—The usual lectures, demonstrations and practical classes were regularly held. Students were admitted into compounders' class all of whom joined the dressers' class as well.

Hostel.—There is a Hindu Hostel attached to this school accommodating 100 boarders. The want of a Muslim Hostel is being keenly felt. The two hired buildings cannot accommodate all the Muslim students. Some have to arrange for themselves at others' house to their great inconvenience. An immediate construction of the Muslim Hostel is needed and it is hoped that the Government will please arrange the same soon.

Library.—The total number of books in the library is 512. Students are allowed to read books in the library and those, depositing the library caution money, are allowed to borrow them for 15 days at a time. The want of a library servant, for sanction of which Surgeon-General has been moved, is keenly felt. It is hoped the same will kindly be sanctioned.

Athletic Club.—The club has been well maintained. The students took part in various matches and friendly games and maintained discipline.

Change in Establishment.—(1) Dr. Arun Kumar Nandy, M.B., M.R.C.F., was appointed as Teacher of Medicine of this school with effect from 14th September 1944, *vice* Dr. Ali Ahmed, M.B., transferred to Campbell Medical School, Calcutta.

(2) Dr. Bipin Behari Biswas, M.B., was appointed as Teacher of Midwifery of this school with effect from the 16th November 1944, *vice* Dr. Anil Chandra Bhowmick, M.B., transferred to Chittagong Medical School.

(3) Dr. Biswa Nath Saha was appointed as Demonstrator of Anatomy of this school from the 9th August 1944.

Staff of the School.

- (1) Dr. J. P. Dutt, M.B., M.R.C.O.G., Superintendent (Part-time).
- (2) Dr. S. P. Goswami, M.B., Deputy Superintendent (Whole-time).
- (3) Dr. D. M. Chatterjee, M.B., Teacher of Pathology (Whole-time).
- (4) Dr. A. K. Nandy, M.B., M.R.C.P., Teacher of Medicine (Whole-time).
- (5) Dr. B. B. Biswas, M.B., Teacher of Midwifery (Whole-time).
- (6) Dr. S. C. Gupta, M.B., Teacher of Surgery (Whole-time).
- (7) Dr. S. K. Roy, M.B., Teacher of Medical Jurisprudence (Whole-time).
- (8) Dr. J. K. Chakravorty, L.M.F., Teacher of Anatomy (Whole-time).
- (9) Dr. T. D. Mukherjee, M.B., D.P.H., Teacher of Hygiene (Part-time).
- (10) Dr. S. N. Bhattacharjee, M.B., Teacher of Materia Medica (Part-time).
- (11) Mr. B. N. Sen, M.Sc., Teacher of Physics and Chemistry (Part-time).
- (12) Dr. B. B. Banerjee, L.M.F., Demonstrator of Materia Medica (Whole-time).
- (13) Dr. A. P. Banerjee, L.M.F., Demonstrator of Physics and Chemistry (Whole-time).
- (14) Dr. S. C. Nandy, L.M.F., Demonstrator of Anatomy (Whole-time).
- (15) Dr. B. C. Chowdhury, L.M.F., Demonstrator of Physiology (Whole-time).
- (16) Dr. K. D. Sarkar, L.M.F., Demonstrator of Pathology (Whole-time).
- (17) Dr. B. N. Saha, L.M.F., Demonstrator of Anatomy (Whole-time).

Staff of the Hospital.

- (1) Dr. J. P. Dutt, M.B., M.R.C.O.G., Superintendent (Part-time).
- (2) Dr. S. C. Gupta, M.B., Officer-in-charge of Surgical Ward (Whole-time).
- (3) Dr. B. B. Biswas, M.B., Officer-in-charge of Obstetrical and Gynaecological Ward (Whole-time).
- (4) Dr. A. K. Nandy, M.B., M.R.C.P., Officer-in-charge of Medical Ward (Part-time).
- (5) Dr. S. K. Roy, M.B., Officer-in-charge, Out-Patient Department and Deputy Superintendent, Burdwan Fraser Hospital (Whole-time).
- (6) Dr. S. N. Bhattacharjee, B.Sc., M.B., Honorary Physician (Part-time).
- (7) Dr. N. Samanta, M.B., D.T.M., Honorary Physician (Part-time).
- (8) Dr. D. M. Chatterjee, M.B., Pathologist (Whole-time).
- (9) Dr. K. D. Sarkar, L.M.F., Pathologist—Indoor (Whole-time).
- (10) Dr. B. N. Sen Gupta, L.M.F., Asstt. Pathologist (Part-time).
- (11) Dr. B. B. Banerjee, L.M.F., Radiologist (Whole-time).
- (12) Dr. Miss M. Sinha, L.M.F., Lady Doctor (Whole-time).
- (13) Dr. B. Bhattacharjee, L.M.F., Registrar (Whole-time).
- (14) Dr. J. K. Chakravorty, L.M.F., Officer-in-charge, Venereal Section (Part-time).
- (15) Dr. J. Chakravorty, M.B., Eye Specialist (Part-time).
- (16) Dr. C. S. Chatterjee, L.M.F., Dentist (Part-time).

Students.

The conducts of students were satisfactory. The details of the attendance of students are given in Table A and the result of the State Medical Faculty Examinations is shown in Table D (B).

One hundred and seventy-four applications for admission were received and 50 students were admitted into 1st year class during the year under report.

(1) Sex of students	Female.	Male.
(2) Number on the roll in July, 1944	1	234
(3) Maximum number of new admission	..	50

(4) **Age limit.**—High and low for students on admission. There is no high age limit. Students on admission must be over 15 year of age.

(5) **Standard of general education for admission.**—Matriculation or its equivalent is the minimum standard.

Examination.

- (1) Name of Examiner at each of the examinations, *vide* Appendix A.
- (2) By whom appointed and for how long at a time, *vide* Appendix A.
- (3) Percentage of marks required at each examination to obtain a pass, 40 per cent.
- (4) Proportion of students who take all subjects at the final examination 80 per cent.

Financial.

(1) The total receipt of the school other than from Government was Rs. 25,768 and the total expenditure Rs. 69,699 as against Rs. 24,645 and Rs. 59,819 respectively of the previous year. The details of receipt and expenditure for the last two years are given in Table E. The average primary cost to Government per student per annum was Rs. 202 as against Rs. 200 of the previous year.

(2) Percentage of students paid for by:—

- (a) Government—25 per cent.
- (b) Local bodies—4 per cent.
- (c) Privately by guardians—71 per cent.

Hospital.

(1) Total number of beds in the hospital	..	..	155
(2) Daily average number of in-patients	..	..	95.5
(3) Daily average number of out-patients	..	..	84.9
(4) Total number of operations :—			
(a) Surgical	..	..	2,243
(b) Gynæcological	..	..	45

Equipment.

(1) Number of microscopes allotted for the personal use of students in teaching:—

(a) Pathology	..	..	17
(b) Physiology	..	..	16

General Notes.

The following Raj Lectures were delivered in this institution during the year under report:—

<i>Names of Lecturers.</i>	<i>Subjects.</i>	<i>Dates.</i>
(1) Dr. Ganapati Panja, M.B.	Common skin diseases in Bengal and their treatment.	23rd January 1945.
(2) Dr. D. N. Chatterjee, M.B.	Blood grouping and Blood transfusion.	26th January 1945.
(3) Dr. J. C. Gupta, M.B.	Dysentery in the Tropics.	27th January 1945.
(4) Dr. I. B. Basu, M.D.	Common Helminthia diseases in Bengal and their treatment.	3rd February 1945.
(5) Dr. A. R. Mazumder, M.B. (Rai Bahadur).	Malaria with special reference to treatment.	11th February 1945.
(6) Dr. Sourin Ghosh, M.B.	Treatment and control of venereal diseases.	24th February 1945.

The teaching and office staff did their duties efficiently and satisfactorily.

P. CHOUDHURI,

*Superintendent,
Ronaldshay Medical School, Burdwan.*

TABLE A.
Statement showing the attendance of the students of the Ronaldshay Medical School, Burdwan, during the year 1944-45.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Remained on the roll from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other Medical schools.	Total.	Left the school after having passed the final examination.	Removed for absence without leave.	Removed for non-payment of fees.	Removed for failure in the test examination.	Resuscitated or removed for misconduct.	Transferred to other Medical schools.	Re-joined or left otherwise.	Idled.	Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.
1943-44	103	52	5	..	220	20	22	4	7	..	..	6	..	..	181	194	181
1944-45	187	50	4	..	241	45	3	1	9	..	..	..	..	52	183	214	203

Session.

TABLE B.

Classification of students according to religion, nationality, taught and passed out during the year 1944-45 from the Ronaldshay Medical School, Burdwan.

1	Total number of students taught during the year and the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the final examination as L. M. F. or final Licentiate Examination of the State Medical Faculty of West Bengal.	
	Male.	Female.	Male.	Female.
2	3	4	5	
<i>Religion.</i>				
1. Hindu--				
(a) Brahmin	54	..	44	..
(b) Non-Brahmin	151	..	..	1
2. Muslim	36	..	..	..
3. Christian .. ..	..	..	..	..
Total ..	241	..	44	1
<i>Nationality.</i>				
Bengalees	237	..	..	..
Non-Bengalees	4	..	..	..

TABLE C.

Classification according to preliminary general education of the students admitted during the year 1944-45 and the previous year in the Ronaldshay Medical School, Burdwan.

1	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
2	3	4	5	6	7	8	9	
B. A. or B. Sc.—								
1943-44 ..	..	..	..	..	..	..	..	..
1944-45 ..	2	..	..	..	..	..	..	..
I.A. or I.Sc.—								
1943-44 ..	11	..	..	..	..	..	..	..
1944-45 ..	29	..	2	..	..	..	..	..
Matric or other equivalent examinations—								
1943-44 ..	34	..	7	..	..	..	..	..
1944-45 ..	11	1	5	..	..	..	..	..

TABLE D (A).

Statement showing the results of Compoundership Examinations held at the State Medical Faculty, Bengal, during the year 1944-45 from the Ronaldshay Medical School, Burdwan.

Sessions.	Remain- ing from the previous year.	Number of students admitted during the year.	Total number of students under training.	Number of students removed.	Number of students appeared at the examinations.		Number passed.	
					Septem- ber.	March.	Septem- ber.	March.
1	2	3	4	5	6	7	8	9
1943-44.								
Regular students	12	..	..	..	..	..	..	..
Outside students	25	..	57	..	20	5	15	4
1944-45.								
Regular students	..	11	..	..	..	..	..	..
Outside students	16	..	27	..	16	6	12	4

TABLE E.

Statement showing the income and expenditure of the Ronaldshay Medical School, Burdwan, during the year 1944-45 and previous year.

	Income.				Expenditure.			
	1943-44.	1944-45.	Increase.	Decrease.	1943-44.	1944-45.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. School fees ..	18,898	19,396	(a) 498	..	42,937	44,365	(a) 1,428	..
2. Fines ..	369	465	(b) 96	..	955	2,300	(b) 1,345	..
3. Hostel rent ..	3,620	4,452	(a) 832	..	5,315	5,560	245	..
4. Readmission fees ..	96	42	16	..	820	400	..	420
5. Tuition fees from Commissioner and Teacher Students.	392	394	2	..	3,901	4,895	(c) 1,094	..
6. Admission fees ..	380	338	48	..	290	250	50	..
7. Moblin Fund ..	450	400	..	150	205	168	37	..
8. Miscellaneous ..	230	311	(d) 81	..	2,430	2,430	..	..
Total Receipt ..	24,645	25,768	1,203	480	1,250	1,971	(d) 721	..
Receipt from Government ..	35,174	43,931	8,757	..	160	160	..	..
					1,686	1,730	44	..
					..	5,470	5,470	..
Grand Total ..	59,819	69,699	9,880	..	..	69,699	10,134	480
					Total Expenditure ..			
					59,819	69,699	10,134	480

(a) Due to increase in the number of students on the roll.
 (b) Due to increased number of absentees.
 (c) Due to increase in the number of boarders in the hostel.
 (d) Due to realisation of more fines.

(a) Due to posting of officers of higher rate of pay.
 (b) Due to transfer of teaching staff, court attendance.
 (c) Due to the increased price of materials.
 (d) Due to increased Price of Medical Stores.

P. CHOUDHURI,

Superintendent, Ronaldshay Medical School, Burdwan.

Annual Report on the Working of Jackson Medical School, Jalpaiguri, for the year 1944-45.

I.—Buildings and Accommodation.

The school buildings are adequate and in good repair and there is sufficient accommodation for classes. A students' hostel is urgently required. At present students lodge in boarding houses in the town, many of which are insanitary, ill lighted and otherwise unsuitable.

II.—Teaching and Equipment.

Physics and Chemistry.—The department is quite well equipped. More than the prescribed number of lectures and demonstrations were given with extra classes for failed students. There were three changes in demonstrators during the year under review, the teacher Mr. Guha having to carry on by himself from 24th April till 3rd July 1944.

Anatomy.—The department is well equipped with diagrams, models, skeletons and dissected specimens. New dissected specimens were added to the museum during the year. Lectures and demonstrations as prescribed in the syllabus were held regularly and additional classes for failed students. The supply of bodies was adequate, 36 being supplied to the students for dissection. "Cold storage" arrangements for preserving the bodies are urgently required.

Physiology.—A few chemical tests could not be shown to the students as the necessary reagents were not available. The instrument for demonstrating a simple muscle curve is very old and unworkable, otherwise the department is adequately equipped. The prescribed number of lectures and demonstrations were held and extra classes were given to failed students.

Materia Medica.— $1\frac{1}{2}$ times the scheduled number of lectures were given and there were extra classes for failed students. The present stock of specimen drugs for demonstrations have deteriorated so badly that they are practically unrecognisable. Efforts have been made to secure new specimens, but these have been unsuccessful. As reported last year the department requires one more table for practical work and an almirah for stores. These will be purchased when funds allow. Some B. P. drugs are also in short supply.

Pathology.—Difficulty was experienced during the year in getting sufficient number of bodies for Pathological post mortems. Towards the end of the session a number of bodies were received from F. R. E. Hospital and the students were thus able to complete the minimum number of examinations required. Specimen jars are still unobtainable and thus no new specimens could be added to the museum. Many items indented for from Medical Stores and Europe could not be supplied and thus some difficulty was experienced in carrying out laboratory work. More microscopes are required for students' demonstrations and a refrigerator for the laboratory is also urgently required. The prescribed number of lectures were delivered also with extra classes for failed students.

Hygiene.—23 lectures were delivered during the year under report and practical demonstrations were given with the aid of models, charts etc. Four outings were made during the session to demonstrate municipal and rural water-supply systems and disposal of night soil in a big village and the sanitary arrangements made for a "Mela".

Jurisprudence.—Once again there was usual scarcity of post mortems of medico-legal value. Owing to insufficient facilities for practical demonstrations, students' instruction was mainly theoretical. Examination results however were good.

Medicine.—The prescribed number of lectures were delivered by the teacher of medicine; 5 lectures were given by Dr. B. N. Ghose on Leprosy

under the auspices of the British Empire Leprosy Association. As usual clinical instruction was given in the wards of the hospital. Special cases were taken to the lecture theatre and demonstrated to the whole class. In the May examination 14 students out of 17 passed and in November 6 out of 8 successful. Special classes were held for failed students.

Surgery.—There was no dearth of clinical material for teaching purposes and almost all kinds of major and minor surgical operations were performed, students being present and assisting in some cases. The prescribed number of lectures were held and coaching classes for failed students. The operation theatre requires a shadowless lamp and a large exhaust fan, otherwise it is well designed and equipped.

Gynaecology and Midwifery.—69 lectures were delivered and a course of revision lectures for failed students. Clinics were given on surgical cases in the wards and operative procedures were explained to the students before and during operations, so that the students could follow the steps of the operations. Labour cases were 227 as against 222 last year.

Radiological Department.—There was an adequate supply of films during the year.

Library.—The allotment of Rs.200 is still insufficient to maintain a modern medical school library, and very few books were purchased during the year.

Out-patients' Department.—No improvements or additions to the buildings were made during the year.

Admission.—The number of students selected was 52 out of 123 as against 28 out of 93 last year.

Conduct and attendance.—The attendance of students has been satisfactory. One boy was held back 6 months for adopting unfair means in the examination hall.

Examinations.—The test and annual examinations of the school were held twice during the year as usual. The results of the Faculty Examinations are shown in table "D".

Athletic Club.—The management of the club was carried on satisfactorily. The students took a fairly active interest in sports and they were encouraged by staff.

Visits and Inspections.—Inspection Committee of Faculty inspected the school on 31st July 1944.

Finance.—The details of receipts and expenditure for the year are shown in table "E". The causes for increase or decrease have also been furnished there. The total receipt of the school from sources other than Government was Rs.25,832 against Rs.23,930 last year and the total expenditure was Rs.57,543 against Rs.52,465 last year.

The average primary cost per student was Rs.285 against Rs.272 last year.

Office of the Superintendent was held by—

- (1) Mr. N. R. Gupta, M.B., M.R.C.P. (Edin.), D.P.H. (Cantab.), D.T.M. & H. (Lond.), from 1st April 1944 to 20th July 1944.
- (2) Lt. Col. B. H. Singh, M.R.C.S., M.R.C.O.G., I.M.S., from 21st July 1944 to 10th August 1944.
- (3) Dr. R. C. Chakraborty, M.B., Teacher of Surgery, from 11th August 1944 to 27th August 1944.
- (4) Major E. G. Montgomery, M.A., M.Sc., M.B., Ch.B. (Dub), I.M.S., from 28th August 1944 to 8th December 1944.
- (5) Capt. J. H. Caverhill, I.M.S., from 9th December 1944 to 31st March 1945.

Office of the Deputy Superintendent was held by Dr. A. M. Noosin, M.B., D.T.M.

Details of establishment will be found in annexure I below.

ANNEXURE I.

List showing the names of the staff with their qualifications and duties in the medical school, also whether Whole-time, Part-time or Honorary.

SUPERINTENDENT.

- (1) Mr. N. R. Gupta, M.B., M.R.C.P. (Edin), D.P.H. (Cantab), D.T.M. and H. (Lond.) from 1st April 1944 to 20th July 1944.
- (2) Lt. Col. B. H. Singh, M.B.C.S., M.R.C.O.G., I.M.S., from 21st July 1944 to 10th August 1944.
- (3) Dr. R. C. Chakraborty, M.B., Teacher of Surgery, from 11th August 1944 to 27th August 1944.
- (4) Major E. G. Montgomery, M.A., M.Sc., M.B., Ch. B. (Dub), I.M.S., from 28th August 1944 to 8th December 1944.
- (5) Capt. J. H. Caverhill, I.M.S., from 9th December 1944 to 31st March 1945.

TEACHERS.

- (1) Dr. R. C. Chakraborty, M.B., Teacher of Surgery.
- (2) Dr. S. C. Majumdar, M.B., Teacher of Pathology.
- (3) Dr. I. B. Majumdar, M.B., Teacher of Jurisprudence.
- (4) Dr. S. K. Sur Roy, M.B., Teacher of Midwifery.
- (5) Dr. Md. H. Rahman, B.Sc., M.B., Teacher of Medicine.
- (6) Dr. A. M. Noosin, M.B., D.T.M., Teacher of Physiology.
- (7) Dr. A. M. Bhattacharjee, L.M.F., Teacher of Anatomy.
- (8) Dr. S. C. Gupta, M.B., Teacher of Materia Medica.
- (9) Dr. D. P. Dutta, M.B., D.P.H., Teacher of Hygiene.
- (10) Mr. N. C. Guha, B.Sc., Teacher of Physics and Chemistry.

Of these, Nos. (1) and (3) to (5) are Part-time officers. Nos. (2), (6), (7) and (10) are Whole-time officers. Nos. (8) and (9) are Honorary officers.

DEMONSTRATORS.

- (1) Dr. S. C. Majumdar, L.M.F., Demonstrator of Physiology.
- (2) Dr. R. N. Ghose, L.M.F., Demonstrator of Materia Medica.
- (3) Dr. K. Ally, L.M.F., Demonstrator of Anatomy.
- (4) Dr. S. C. Adhikary, L.M.F., Demonstrator of Anatomy.
- (5) Dr. Md. Abdul Wadud, L.M.F., Demonstrator of Pathology.
- (6) Dr. B. N. Mitra, L.M.F., Demonstrator of Physics and Chemistry.

All are Whole-time officers.

List showing the names of the staff with their academic qualifications and their duties in the hospital attached to the medical school, also whether Whole-time, Part-time or Honorary.

SUPERINTENDENT.

- (1) Mr. N. R. Gupta, M.B., M.R.C.P. (Edin), D.P.H. (Cantab), D.T.M. and H. (Lond.), from 1st April 1944 to 20th July 1944.

- (2) Lt. Col. B. H. Singh, M.B.C.S., M.B.C.O.G., I.M.S., from 21st July 1944 to 10th August 1944.
- (3) Dr. R. C. Chakraborty, M.B., Teacher of Surgery, from 11th August 1944 to 27th August 1944.
- (4) Major E. G. Montgomery, M.A., M.Sc., M.B., Ch. B. (Dub), I.M.S., from 28th August 1944 to 8th December 1944.
- (5) Capt. J. H. Caverhill, I.M.S., from 9th December 1944 to 31st March 1945.

TEACHERS.

- (1) Dr. R. C. Chakraborty, M.B., Surgical and Ophthalmic Wards.
- (2) Dr. Md. H. Rahman, B.Sc., M.B., Medical Ward.
- (3) Dr. S. K. Sur Roy, M.B., Gynaecological Ward.
- (4) Dr. I. B. Majumdar, M.B., Infectious and Outdoor Wards and Deputy Superintendent of Hospital.
- (5) Dr. S. C. Majumdar, M.B., Bacteriologist to the Hospital.
- (6) Dr. A. M. Noosin, M.B., D.T.M., Bio-Chemist to the Hospital.
- (7) Dr. A. M. Bhattacharjee, L.M.F., Radiologist to the Hospital.

Changes in the teaching staff during the year.

- Dr. A. M. Bhattacharjee, L.M.F., has been transferred and Dr. P. K. Bhattacharjee has been appointed Teacher of Anatomy.
- Dr. S. C. Adhikary, L.M.F., has been appointed Demonstrator of Anatomy, *vice* Dr. Md. Sabed Ali, L.M.F., transferred.
- Dr. B. N. Mitra, L.M.F., was appointed Demonstrator of Physics and Chemistry, *vice* Dr. P. R. Deb, L.M.F., transferred.
- Dr. S. C. Majumdar, L.M.F., was appointed Demonstrator of Physiology, *vice* Dr. J. Sengupta, L.M.F., transferred.
- Dr. L. N. Chatterjee, L.M.F., was appointed Demonstrator of Materia Medica, *vice* Dr. R. N. Ghose, L.M.F., transferred.

Students.

- (1) Sex of students—Male.
- (2) Maximum number of new admissions annually—40.
- (3) Age-limit, high and low for students on admission—No high age-limit but low age-limit is 15 years.
- (4) Standard of general education required on admission to the school—Matriculation or its equivalent is the minimum standard.

Examinations.

- (1) Names of examiners at each of the examinations—*vide* Appendix A.
- (2) By whom appointed and for how long at a time—*vide* Appendix A.

- (3) Percentage of marks required at each examination to obtain a pass—40 per cent.
- (4) Proportion of students who take all the subjects in the final examination—35·29 per cent.

Finance.

- (1) Cost of Government or the body responsible for the school per student per annum in the school—Rs. 285.
- (2) Percentage of students paid for by—
 - (a) Government—17·22 per cent.
 - (b) Local or other agencies—10·55 per cent.
 - (c) Privately by their guardians—72·23 per cent.

Equipment.

- (1) Number of sanctioned beds to the attached hospital—113 and the average daily number of in-patients—127.
- (2) Average number of confinement cases during the last three years—233.
- (3) Number of microscopes allotted for the personal use of students in teaching—
 - (a) Physiology—13, of which 1 is with 1/12 objective.
 - (b) Pathology—12, of which 4 is with 1/12 objective.

S. ANNASWAMI, Lt-Col., I.M.S.,
*Superintendent, Jackson Medical
 School, Jalpaiguri.*

JALPAIGURI.

The 22nd November 1945.

TABLE A.

Statement showing the attendance of students of the Jackson Medical School, Jalpaiguri, during the year 1944-45 and the previous year.

Session.	Remained on the rolls from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other Medical Schools.	Total.	Left, died, etc., during the year.								Total.	Retained at the end of the year.	Average monthly number of pupils.	Average daily attendance.
						Left school after having passed the Final Examination.	Removed for absence without leave.	Removed for non-payment of School fees.	Removed for failure at the School Test Examination.	Expelled or removed for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Died.				
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1943-44	132	24	20	2	182	12	..	34	3	..	..	6	..	55	127	154.08	138.27
1944-45	127	52	28	2	209	17	..	40	10	..	4	5	..	76	133	140.27	135.63

TABLE B.

Statement showing the classification of students according to religion and nationality taught in and passed out during the year 1944-45 from the Jackson Medical School, Jalpaguri.

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate Examination of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
(1) Hindus—				
(a) Brahmins ..	59	..	5	..
(b) Non-Brahmins ..	92	..	6	..
(2) Muslims ..	58	..	6	..
Total ..	209	..	17	..
<i>Nationality.</i>				
(1) Bengalees ..	205	..	16	..
(2) Nupalees ..	4	..	1	..
Total ..	209	..	17	..

TABLE C

Statement showing the classification according to preliminary general education of students admitted during the year 1944-45 and the previous year in the Jackson Medical School, Jalpaguri.

Classification.	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1943-44.								
I.A. or I.Sc. ..	4	..	..	..	..	..	..	..
Matriculation or its equivalent examination.	18	..	6	..	..	..	..	..
1944-45.								
B.A. ..	1	..	..	..	..	..	..	..
I.A. or I.Sc. ..	2	..	..	..	..	..	..	..
Matriculation or its equivalent examination.	27	..	18	..	..	..	4	..

TABLE E.

Statement showing the income and expenditure of the Jackson Medical School, Jalpaiguri, during the year 1944-45 and the previous year.

Heads of receipt.	Income.				Heads of expenditure.	Expenditure.			
	1943-44		1944-45.			1943-44.		1944-45.	
	Rs.	Rs.	Increase.	Decrease.		Rs.	Rs.	Increase.	Decrease.
Receipts from other sources than Government—									
School fees ..	13,602	15,406	1,804	(a) ..	Establishment ..	37,125	40,210	3,085	(c) ..
Entrance fees ..	278	410	132	(a) ..	Scholarships and prizes ..	4,515	4,576	61	(d) ..
Miscellaneous ..	675	807	132	(a) ..	Mohsin Fund ..	870	704	166	(b) ..
Mohsin Fund ..	870	704	..	(b) 166	Contingencies ..	3,540	3,291	..	(a) 249
Interest from endowment ..	8,505	8,505	..	..	Purchase of books ..	97	90	2	..
					Rents, rates and taxes ..	825	825	..	..
					Medicine and instruments ..	1,274	1,000	..	(f) 274
Total ..	23,930	25,832	..	..	Stationery and Forms ..	332	82	..	(f) 250
Received from Government ..	28,535	31,711	..	..	Games ..	290	290	..	..
					House rent and other allowances ..	2,412	4,304	1,892	(g) ..
					Livestock to manials ..	..	143	143	(h) ..
					Travelling allowance ..	1,275	2,109	834	(i) ..
Grand Total ..	52,465	57,543	..	..	Grand Total ..	52,465	57,543	..	..

(a) Due to increase in the number of students.
 (b) Due to less amount sanctioned.
 (c) Due to posting of some senior officers and periodical increments.
 (d) Due to more amount required for scholarships.

(e) Due to less requirements.
 (f) Due to less requirements.
 (g) Due to enhanced rate of dearness allowance.
 (h) Due to biennial supply of liveries.
 (i) Due to more number of transfers.

The Annual Report of the Working of Calcutta Medical Institute for the year 1944-45.

I.—Building and Equipment.

(a) The abnormal situation and the exorbitant prices of materials stood in the way of constructing any new building or special structure in the year under report and the authority had to remain content with the old ones.

(b) No special equipments for developing clinical or teaching facilities apart from normal routine replacements were provided for the year.

II.—Admissions to the 1st year class (1944-45 Session).

Out of 331 applicants, for admission into the 1st year class 122 students were admitted by the Selection Committee, appointed by the Executive Committee for the purpose.

The educational qualifications of the students were as follows:—

B. Sc.	...	...	...	2
I. Sc.	...	...	...	28
I. A.	...	...	...	6
Matriculation	...	...	...	81
High School Ex.	...	...	...	5
(H. S. L. C.)				

III.—The session like the previous year commenced in September instead of July as usual owing to the late publication of the results of the Matriculation in the *Calcutta Gazette* with the natural consequence that the courses of students were shortened to the great detriment to the progress of the studies.

IV.—Results of the State Medical Faculty Examination held during the year will be found in Table D.

V.—Courses of instruction—Pre-clinical courses.

(A) **Physics and Chemistry.**—The systematic lectures were delivered by the Teachers of Physics and Chemistry in the Lecture Theatre of the Indian Association for the cultivation of Science. The demonstrations were given by the teachers concerned with the assistance of two research scholars belonging to the Association and paid for the purpose by the Institute. In addition the Assistant Teacher gave demonstrations thrice weekly in the use of the various instruments and appliances laid down in the practical course under the regulations.

(B) **Anatomy.**—The systematic lectures were delivered by the Teacher of Anatomy. The four Assistant Teachers held demonstration classes in Osteology, Brains and Viscera and supervised the dissections which were supplemented with diagrams and sketches made on the blackboard.

The number of bodies dissected by students was 38 and the average number of students per body was 14. Every student was examined in each part assigned to him for dissection and had to satisfy the examiner before he was given a further part to dissect; after completion of the dissection of one part each student had to appear before the teacher for completion examination before allotment of next part.

Special Revision classes were held on Bones, Viscera, Identification of structures on dissected specimens and Brains and Surface Marking for the failed students. Special Examinations were also held by the Teacher monthly covering the whole of the students and comments and discussions were held on those particular questions.

(C) Physiology.—The systematic lectures were delivered by the Teacher of the subject and practical classes were taken in accordance with the requirements of the syllabus by the three assistant teachers on the lines reported in previous years. Tutorial classes and periodical examinations were held during throughout the session. Special classes were taken by the Teachers after the test examination.

(D) Materia Medica.—The courses of lectures were delivered by the Teachers concerned. The two assistant teachers took demonstration classes in the recognition of crude drugs and their more important preparations and held the practical pharmacy classes and exercises in dispensing.

The Clinical courses.

(i) Pathology.—The courses of lectures in General and Special Pathology and Elementary Bacteriology, Morbid Anatomy and Histology, were delivered by the Teacher to the third and final year students, while the two assistant teachers took the practical classes to meet the required of the syllabus. The naked eye and microscopical appearances produced by disease were taught in these classes. Five post-mortems were held during the year. Clinical microscopy and laboratory technique was taught by the clinical pathologist to the Hospital, and the students carried out routine urine testing, examination of faeces and sputa and examination of blood slides under his supervision. A list of the clinical examination for the hospital carried out by the department is given in Appendix "A".

(ii) Medicine.—The systematic lectures in the principles and practice of Medicine including common Tropical diseases were given by the Teacher of Medicine. Besides, ward clinics were given by the two visiting physicians including the Teacher, and their respective deputies, the latter also gave instructions twice weekly in clinical methods. Students were detailed for six months as clinical clerks in the wards and three months in the Medical Out-patient department during the 3rd and final year courses. In the Out-patients department the clinical instructions were given by the Deputy Physicians on their respective days of attendance. Both in the wards as well as in the Out-patients department the students were taught the technique of phyo-dermic, intra-muscular and intra-venous methods of medication. There were four beds reserved for treatment of cerebrospinal fever cases under the charge of a visiting physician who was the Teacher of Medical Jurisprudence also. Besides the clinical aspects of the disease, its diagnosis and treatment, the students were taught in the section the technique of lumbar puncture.

Instructions in the use of the Ophthalmoscope and in the appearances of the fundus seen through this instrument were in the Ophthalmic Out-patients department.

(iii) Surgery.—The systematic lectures were given by the Teacher of Surgery and a course in minor operative surgery was held by the Teacher of Operative Surgery. Clinical instructions were given by the visiting surgeons to the attached hospital and their deputies. The students were detailed as surgical dressers for six months in the wards and three months in the Surgical Out-patients department during the 3rd and final years of study. The instructions in the Out-patients department were given by the Officer-in-charge. Instructions in reginal anatomy were given by the

Teacher of Operative Surgery and those in minor surgery, bandaging, use of instruments and appliances and interpretation of radiograms were given by the Deputy Surgeons. The proportion of students to beds under peace time ratio was 1:1·6.

Ophthalmic Surgery.—Special lectures were delivered by the Teacher of Ophthalmic Surgery and Visiting Ophthalmic Surgeons. Beside instructions were given by him and in the wards and in the Out-patients department by his deputy.

Midwifery and Gynaecology.—The course of systematic lectures were delivered by the Teacher of Midwifery and Gynaecology to third and final year students. The courses included lectures on Applied Anatomy and Physiology, management of pregnancy, labour and puerperium, infant hygiene and neonatal care. Demonstrations with the aid of dummy and mannikin and in the use of instruments were given by the deputy Gynaecologists. Every student in the final year was detailed in batches for three months, attendance in the Obstetrical and Gynaecological wards containing thirty beds. Each Final student conducts 2 labour cases and witnesses 6 labour cases and writes down confinement rates. The labour is conducted by a specially trained Maternity Labour Room nurse. Clinical instructions were given in the wards by the Teacher and his deputies.

VI.—Medical Jurisprudence.

The course of lectures were delivered by the Teacher of Medical Jurisprudence. The students attended medico-legal post-mortems in the Campbell Hospital.

VII.—Hygiene.

The systematic lectures illustrated by models were delivered by the Teacher of Hygiene. It included two excursions to places of public health interest in and about the vicinity of the town to demonstrate conservancy methods applicable to rural areas for disposal of refuse.

VIII.—Library.

The library contained 1,188 volumes of books and journals, some being books of reference and other monthly text books generally used by students. Fifteen volumes of books and journals have been added in the year under report.

IX.—Arrangement for residence of students.

The institution has no recognised hostel of its own. There is only a mess attached to the Institution run by the students themselves. This is a cause of embarrassment to many to hail from mofussil districts and have to find accommodation with friends, relatives or club together in private messes.

X.—Sports.

There is no playing ground to the school or shared by the students with other institutions. The students have to hire such play grounds as may be available in order to keep up sporting activities. Increasing difficulties were met with in hiring such grounds during the year under report owing to greater demand and increased rate of charges, only a limited amount of play such as football could be arranged for during the year.

XI.—Conduct and discipline of students.

A great deal of difficulty was experienced by students in obtaining food materials and necessary supplies during the general food crisis of Bengal and the economic resources of many students were strained to utmost limits. Under these trying circumstances the fortitude and equanimity displayed by the students in conformity with many of the adverse circumstances with which they had to contend were of a praiseworthy character. Besides the fine generous spirit and initiative displayed by the students in organising a variety entertainment in aid of Bengal Famine Relief and success attained was appreciable indeed.

XII.—The Staff.

There were no important changes in the staff of the Institution during the year under report. A list of the Teaching Staff given in Appendix B.

XIII.—The Hospital.

(i) Fifty per cent. of the available beds in the Hospital were in reserve for Air-Raid cases during the year under report. The number of In-patients and Out-patients (new cases only) treated during the year were 2,620 and 30,794, respectively. The number of confinements in the Hospital in 1944 was 252.

(ii) The total number of operations performed under all heads during the year was 338. A list of selected operations performed during the year is given in Appendix C.

S. CHATTERJEE, CIVIL SURGEON (RETD.),
Superintendent, Calcutta Medical School.

Governing body of the Calcutta Medical Institute in the year 1944-45.

(A) Nominated by the Corporation of Calcutta.

- (1) Dr. P. K. Ganguly.
- (2) Dr. Ziauddin Haidar.

(B) Nominated by the Government of Bengal.

- (1) Rai Dr. A. R. Mazumder Bahadur, Superintendent, Campbell Medical School.
- (2) Dr. A. K. M. Abdul Wabed, Professor of Clinical Medicine, Calcutta Medical College.

(C) Elected by the Retiring Executive Committee.

- (1) Dr. Santiram Chatterjee.
- (2) Capt. S. Maitra.

(D) Elected by the Teachers of the School and Medical Officers of the Hospital.

- (1) Dr. A. K. De.
- (2) Dr. B. K. Datta.
- (3) Dr. K. C. Chakravorty.
- (4) Dr. R. N. Ghosh.

(E) *Elected by the members of the Calcutta Medical Institute.*

- (1) Mr. S. N. Roy.
- (2) Dr. P. K. Guha.
- (3) Dr. A. Ahsan.
- (4) Dr. A. R. Ghosh.
- (5) Dr. Sachindra Nath Sen.
- (6) Mr. Mani Banerjee.

(F) *Superintendent of the School and Hospital (ex-officio).*

Dr. B. C. Chatterjee.

(G) *Nominee of the donors of the Mohendra Nath Roy Memorial Ward.*

- (1) Mr. Jagneswar Roy.

List of selected operations performed in the Calcutta Medical School and Hospital during the year 1944-45.

(1) Excision of Tumours (all kinds)	..	..	..	7
(2) Operations on bones	..	..	..	73
(3) Amputation above metacarpus	..	..	..	4
(4) Amputation above Metatarsus	..	..	..	7
(5) Extraction of lens	..	..	..	77
(6) Abdominal Section (for any purpose other than obstetricals)				51
(7) Liver abscess	..	..	..	3
(8) Obstetri operations (Important)	..	..	..	11
(9) Other important operations	..	..	..	105
Total Important operations	..			<u>338</u>

APPENDIX A.

List of Clinical Examination in Pathological Department for the year 1944-45
(1st April to 31st March 1945).*Blood.*

1. Counts	..	..	..	..	1,918
2. Malarial parasites	..	..	..	..	793
3. Aldehyde test and Chopra test	..	..	..	..	95
4. Widal	..	..	..	..	91
5. Culture	..	..	..	..	12
6. Coagulation time	..	..	..	..	597
7. Chemical	..	..	..	..	66
8. Wassermann reaction	..	..	..	..	54
9. Other examinations	..	..	..	..	20

Urine.

1. General	..	..	..	..	677
2. Bacteriological	..	..	..	..	70

Stool.

1. Microscopical	..	..	..	..	731
2. Chemical	..	..	..	..	5
3. Bacteriological	..	..	..	..	10

Sputar.

1. Microscopical	..	..	..	..	403
2. Bacteriological	..	..	..	..	9

C. S. Fluid.

1. Microscopical	..	..	..	..	42
2. Chemical	..	..	..	..	15
3. Bacteriological	..	..	..	..	21

Histological.

1. Histological Examination : Tissue	..	..	..	..	13
2. Gastric Contents	..	..	..	..	22
3. Other Bacteriological	..	..	..	..	139
4. Vaccine	..	..	..	..	18
5. Other examinations	..	..	..	..	3

TABLE A

Statement showing the attendance of students of the Calcutta Medical School during the year 1944-45 and the previous year.

Sessions.	Remained on the rolls from the previous year.				Admitted during the year.		Re-admitted during the year.		Admitted on transfer from other Medical Schools.		Total.	Left, died, etc., during the year.								Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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* (1) Average daily attendance approximate during pre-clinical years—Male 187.74 and Female 6.93 and (2) of Final year - Male 112.76 and Female 2.87.

TABLE B

Classification of students according to religion and nationality taught in and passed out during the year 1944-45 of the Calcutta Medical School.

Classification.	Total number of students taught during the year, i.e., the number from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate Examination of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
Religion—				
1. Indian Christian .. ..	..	2	..	..
2. Hindus—				
(a) Brahmin	193	2	11	..
(b) Non-Brahmin	119	6	55	..
3. Brahmoo .. ..	..	..	..	..
4. Mohammedan	17	..	1	..
5. Chinese .. ..	..	..	..	..
Total	139	10	67	..
Nationality—				
1. Bengales	408	7	63	..
2. Chinese .. ..	..	..	..	..
3. Nepalese .. ..	..	..	..	..
4. Madrasses	4	..	..	..
5. Anglo-Burmese .. ..	..	..	..	..
6. Others	27	3	4	..
Total	439	10	67	..

TABLE C

Classification according to preliminary general education of the students admitted during the year 1944-45 and the previous year in the Calcutta Medical School.

Classification.	Hindus.		Muslims.		Christians.		Others	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	3	4	5	6	7	8	9
1943-44.								
B.A. or B.Sc. ..	1	..	..	..	..	..	..	..
I.A. or I.Sc. ..	11	1	..	..	..	..	..	..
Matriculation ..	77	1	3	..	..	..	..	..
School Final, etc.	4	..	1	..	..	1	..	..
1944-45.								
B.A. or B.Sc. ..	2	..	..	..	..	..	..	..
I.A. or I.Sc. ..	31	3	..	..	..	..	..	..
Matriculation ..	74	3	4	..	..	..	..	..
School Final, etc.	5	..	..	..	..	..	..	..

TABLE D
Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1944-45
and the previous year in the Calcutta Medical School.

Sessions.	Final Licentiate's Examination.						Intermediate Licentiate's Examination.						Primary Licentiate's Examination.					
	Number appeared.		Number passed.		Percentage of passed.		Number appeared.		Number passed.		Percentage of passed.		Number appeared.		Number passed.		Percentage of passed.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.	April Examination.	October Examination.
1943-44.																		
Male ..	44	47	12	20	27.27	42.55	53	47	20	13	37.74	27.06	74	15	47	10	63.51	86.07
Female ..	..	..	..	..	..	..	1	1	..	1	..	100.0	2	..	2	..	100.0	..
1944-45.																		
Male ..	49	65	30	37	61.22	56.02	59	51	30	26	50.85	50.98	77	22	50	11	64.94	50.00
Female ..	..	..	..	..	..	..	2	1	1	1	50.00	100.0	1	1	..	1	nil	100.00

TABLE E

Statement showing the income and expenditure of the Calcutta Medical School during the year 1944-45 and the previous year.

Heads of receipts.	Income.				Heads of expenditure.	Expenditure.			
	1943-44.		1944-45.			1943-44.		1944-45.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Fees and fines ..	51,904 8 0	55,677 8 0	(x)3,773 0 0	..	Establishment ..	32,877 0 0	36,528 0 0	(a) 2,451 0 0	..
Miscellaneous ..	7,646 7 0	8,871 12 0	(y)1,225 5 0	..	Hospital fees (from students attending other hospitals).	..	..	..	..
Opening balance ..	2,971 5 1	6,475 6 7	(z)3,504 1 6	..	Practical charges ..	1,966 0 0	2,604 0 0	(b) 638 0 0	..
					Miscellaneous ..	..	..	..	..
					Gas and electricity ..	762 0 0	750 0 0	..	(c) 2 0 0
					Furniture ..	80 0 0	678 0 0	(d) 599 0 0	..
					Instruments and appliances.	48 0 0	1,107 0 0	(e)1,059 0 0	..
					Contribution for the maintenance of the hospitals.	15,000 0 0	15,000 0 0	..	..
					House property purchase account.	..	..	..	..
Total income ..					Total expenditure ..				

(x) Increase is due to larger amount of fees collected.

(y) Increase owing to larger collections due to larger number of students.

(z) Increase is due to some liabilities not been paid within the financial year.

(a) Increase is due to payment of dearness allowance and increment of pay of staff.

(b) Increase due to larger quantity of re-agents purchased and also for dearness of articles.

(c) Decrease being very small calls for no comments.

(d) Increase is due to larger purchases of furniture.

(e) Increase is due to larger purchases of instruments.

Annual Report of the Jatiya Ayurbijnan Vidyalaya or the National Medical Institute, Calcutta, for the year 1944-45

(Session beginning in July 1944 ending in June 1945.)

I.—Building and Accommodation.

For the purpose of holding lectures for Laboratories, Dissections and for administration—the accommodation in the existing School Building is ample. Besides two big lecture halls, there is an Examination Hall, which, however, is used as the reading room while the examinations are not on. A room has been given to the students to be used as their Common Room. There are servants' quarters though not sufficient to accommodate all the menial staff. The School Building with its playground and other open spaces covers 9 bighas of land.

The premises of the Chittaranjan Hospital also cover an area of 13 bighas of land and have room for 175 beds plus quarters for the Nursing staff and some menials. The National Infirmary at 189, Manicktalla Main Road, attached to this Institute now accommodates 75 patients of whom 40 are for T. B. patients. It has got 4 blocks besides menials' quarters.

II.—Teaching and Equipment.

More than the prescribed courses of lectures and practical classes were held in all the subjects. The number of classes and demonstrations held was as follows:—

(A) Physics and Chemistry.

				Lectures.	Practical demonstrations.
Physics	..	..	..	.. 40	
Chemistry	..	..	..	.. 61	17

There were two teachers and an assistant.

(B) Anatomy Department.

The number of classes and demonstrations held was as follows:—

The 1st year and the 2nd year students were given 63 lectures each of which lectures were delivered combinedly. Total number of students who attended practical classes were 177. Regular students were divided into 10 batches; 6 for the 1st year and 4 for the 2nd year. Total number of demonstration lectures delivered by the demonstrators were 130. 26 bodies were dissected during the year under review. The Professor was assisted by one Associate Professor and 5 Demonstrators. There is a card index system for dissection of parts and examination on dissected parts for students.

(C) Physiology Department.—80 lectures were delivered to the 2nd year Regular Batch, 50 to the 1st year Regular and 41 and 45 to the Irregular Batches.

Regular 1st year class was divided into 3 batches and the Regular 2nd year into 4 batches. Each batch of the 1st year class was benefited by 20 demonstration classes. Altogether 60 demonstration classes were held by the Demonstrators.

(D) Materia Medica Department.—100 systematic lectures were delivered by the Professor-in-charge during the year with the assistance of the Associate Professor to the 1st year and 2nd year classes. Altogether 130 demonstration classes were held by the Demonstrators.

Tutorial classes and practical examination were regularly held. The Museum contains more than 400 important specimens.

(E) Pathology and Bacteriology Department.—80 systematic lectures were delivered by the Professor-in-charge during the year. The 3rd and 4th year students received altogether 146 demonstration lectures. Number of Pathological post-mortem done during the year was nil against 11 in the previous year. The total number of Pathological, Bacteriological and Serological work done in the year was 964 against 955 in the previous year (excluding the work done in the clinical room of the Chittaranjan Hospital).

(F) Medicine Department.—The Professor-in-charge with his Associate Professor delivered 108 lectures. 37 Tutorial classes were also regularly held. The Tutor gave regular instruction in case taking and in physical diagnosis. Ward training of students was carried in the usual manner in the outdoor and indoor departments.

(G) Surgery Department.—The Professor-in-charge with his Associate Professor delivered 100 lectures and Tutorial classes, in batches, were held 120 times. Besides these lectures in Ophthalmic Surgery were held. The Tutor also taught the students bandaging and minor surgery. 40 Operative Surgery classes were held. Instructions were given in administration of Anaesthetics in the Operation Theatre from time to time. Clinics were given to the students by the Visiting Staff of the Surgical Wards. Instructions were given in Ophthalmology and diseases of the Ear, Nose and Throat.

(H) Medical Jurisprudence and Hygiene.—80 lectures were held. Special demonstration classes were held and students were taken outside for special demonstrations. Medico-legal post-mortems were witnessed by the students at the Police Morgue, Calcutta.

(I) Midwifery and Gynaecology Department.—123 lectures were delivered in Midwifery, Gynaecology and Pediatrics by Professor-in-charge and Associate Professor. The tutorial classes were held 28 times. Regular clinics given by the Professor and Associate Professor in the Indoor and Antenatal Outdoor.

(J) Hospital Training.—Instructions on diseases including Eye, Ear, Nose and Throat were imparted in the Outdoor and the Indoor of the Chittaranjan Hospital. The students attend the Venereal Department of the Hospital regularly. The two hospitals attached to the National Medical Institute are—

(i) Chittaranjan Hospital containing 175 beds.

(ii) National Infirmary at Manicktalla containing 75 beds.

Number of Labour cases treated at the Chittaranjan Hospital was 438 against 447 in the previous year.

There is a special Tuberculosis Outdoor Department attached to the Chittaranjan Hospital where the Tuberculosis Association of Bengal has been given quarters. Total number of cases attending the T. B. Outdoor was 760 of which 402 cases were new.

(K) Conduct and attendance of students.—Conduct has been satisfactory, so also is the percentage of attendance. The results of various examinations under the State Medical Faculty were fairly satisfactory.

(L) Finances.—Financial condition of the School is not satisfactory (*vide* Table attached elsewhere). Average primary cost per student is approximately Rs. 402 against Rs. 404 last year.

(M) Establishment.—Lt.-Col. J. C. De, I.M.S. (part of the year) and Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), were the Principal, and Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.) and Dr. N. K. Brahmachari, M.Sc., M.B., were the two Honorary Secretaries, on whom the management of the Institute was vested under the guidance and control of the Executive Committee.

(N) Teaching Staff.

MEDICINE.

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Professor-in-charge.
Dr. D. R. Dhar, M.B., M.R.C.P. (L.), D.T.M. (Cal.), Associate Professor.
Dr. N. Mullick, L.M.F., Clinical Tutor.

SURGERY.

Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Professor-in-charge.
Dr. S. N. Chatterjee, M.B., Associate Professor.
Dr. J. N. Mazumder, M.Sc., M.B., M.R.C.S. (Edin.), F.R.C.S. (Edin.), Clinical Tutor.
Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Associate Professor.
Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Associate Professor.
Dr. Karun S. Ray, B.Sc., M.B., Clinical Tutor.
Dr. M. N. Dutta, L.M.F., Assistant Clinical Tutor.

MIDWIFERY AND GYNAECOLOGY.

Dr. S. Das, M.B., Emeritus Professor.
Dr. H. N. Roy, M.B., M.R.C.O.G. (Lond.), Professor-in-charge.
Dr. K. P. Bhadury, M.B., Associate Professor.
Dr. A. Paul, L.M.F., L.M. (Dub.), Clinical Tutor.

MEDICAL JURISPRUDENCE.

Dr. Capt. S. K. Bose, M.B., I.M.S. (Retd.), Professor-in-charge.

Hygiene.

Dr. L. M. Biswas, L.M.S., L.R.C.P., D.P.H., D.T.M. & H., Lecturer.
Dr. D. C. Sinha, L.M.F., Assistant Demonstrator.

PATHOLOGY AND BACTERIOLOGY.

Dr. S. K. Basu, M.B., Ch.B. (Edin.), Professor-in-charge.
Dr. S. N. Roy, M.D., F.R.C.S., Professor of Bacteriology.
Dr. S. K. Dutta, M.B., Demonstrator.
Dr. M. N. Sirkar, M.B., Demonstrator.

RADIOLOGY.

Dr. D. N. Banerjee, M.D. (Berlin), Lecturer of Radiology.

VENEREAL DISEASES.

Dr. N. Kumar, M.B., Professor.

MATERIA MEDICA.

Dr. D. N. Bose, L.R.C.P., M.R.C.S. (Lond.), Professor-in-charge.
Dr. S. C. Lahiri, M.D. (Cal.), Associate Professor.
Dr. J. N. Roy Chowdary, L.M.F., Demonstrator.
Dr. B. R. Ganguli, L.M.F., Assistant Demonstrator.

ANATOMY.

Dr. S. K. Chatterjee, M.B., Professor-in-charge.
 Dr. R. N. Ghosh, M.B., F.R.C.S. (Edin.), Associate Professor.
 Dr. A. C. Mazumdar, M.B., Demonstrator.
 Dr. Q. M. Mussa, M.B., Ch.B. (Edin.), Demonstrator.
 Dr. B. N. Bose, L.M.F., Demonstrator.
 Dr. S. N. Banerjee, M.B., Demonstrator.
 Dr. A. B. Majumder, L.M.F., Assistant Demonstrator.

PHYSIOLOGY.

Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab), Professor-in-charge.
 Dr. B. C. Bhattacharjee, B.A., M.B., Demonstrator.
 Dr. S. S. Sirkar, L.M.F., Demonstrator.
 Dr. B. C. Roy Choudhury, B.Sc., L.M.F., Demonstrator.

PHYSICS AND CHEMISTRY.

Dr. P. K. Sinha, B.Sc., M.B., Lecturer in Physics.
 Dr. B. D. Mukherjee, B.Sc., M.B., F.R.C.S. (Lond.), Lecturer in Chemistry.
 Dr. S. Saha, L.M.F., Assistant Demonstrator.

OPHTHALMOLOGY.

Dr. S. K. Ganguly, M.B., Professor-in-charge.

In addition to the abovenamed teachers Dr. J. K. Dutta, M.B., F.R.C.S. (Lond.), in diseases of the Ear, Nose and Throat, participated in Clinical Teaching in that subject.

Lt.-Col. J. C. De, I.M.S., Dr. N. K. Brahmachari, M.Sc., M.B. and Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), worked as the Superintendent of the Chittaranjan Hospital, and Lt.-Col. J. C. De, I.M.S. and Dr. S. C. Sen Gupta, M.B., F.R.C.S. (Edin.), etc., worked as the Superintendent of the National Infirmary (a home and hospital for the diseased destitutes).

(O) Free Studentship.—Altogether 8 students were given free studentship throughout the year.

(P) Library.—Books worth Rs. 115 were purchased during the year including journals.

(Q) General Notes.—Because of the war there has been a difficulty in maintaining the standard of education of students. There is a difficulty in obtaining stains and chemicals for preservatives and pathological works. Owing to the dearth of medical man-power and also labour difficulty was felt in maintaining adequate service of the hospitals.

Particulars as required by the Director-General under Annexure I.**STAFF OF THE NATIONAL MEDICAL INSTITUTE.**

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Principal (Whole-time).

Physics and Chemistry Department.

Dr. P. K. Sinha, M.B., Lecturer (Part-time).
 Dr. B. D. Mukherjee, M.B., F.C.S., Lecturer (Part-time).
 Dr. S. Saha, Demonstrator (Part-time).

Physiology Department.

Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.), Professor-in-charge (Honorary)
 Dr. B. C. Bhattacharjee, B.A., M.B., Demonstrator (Part-time).
 Dr. S. S. Sarkar, L.M.F., Demonstrator (Part-time).
 Dr. B. C. Roy Choudhury, B.Sc., L.M.F., Demonstrator (Part-time).

Materia Medica Department.

- Dr. D. N. Basu, L.R.C.P., Professor-in-charge (Honorary).
 Dr. S. C. Lahiri, M.D., Associate Professor (Honorary).
 Dr. J. N. Roy Choudhury, L.M.F., Demonstrator (Part-time).
 Dr. B. R. Ganguly, L.M.F., Assistant Demonstrator (Part-time).

Anatomy Department.

- Dr. S. K. Chatterjee, B.Sc., M.B., Professor-in-charge (Honorary).
 Dr. R. N. Ghosh, M.B., F.R.C.S., Associate Professor (Honorary).
 Dr. A. C. Majumder, M.B., Demonstrator (Part-time).
 Dr. Q. M. Musa, M.B., Ch.B. (Edin.), Demonstrator (Part-time).
 Dr. B. N. Basu, L.M.F., Demonstrator (Part-time).
 Dr. S. N. Banerjee, M.B., Demonstrator (Part-time).
 Dr. A. B. Majumder, L.M.F., Assistant Demonstrator (Part-time).

Medicine Department.

- Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Professor-in-charge (Honorary).
 Dr. D. R. Dhar, M.B., M.R.C.P. (Lond.), Associate Professor (Honorary).
 Dr. N. Mullick, L.M.F., Assistant Clinical Tutor (Part-time).

Surgery Department.

- Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Professor-in-charge (Honorary).
 Dr. S. N. Chatterjee, M.B., Associate Professor (Honorary).
 Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Associate Professor (Honorary).
 Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Associate Professor (Honorary).
 Dr. J. N. Majumder, M.Sc., F.R.C.S., Tutor (Part-time).
 Dr. Karun Sankar Ray, B.Sc., M.B., Clinical Tutor (Part-time).
 Dr. M. N. Dutta, L.M.F., Assistant Clinical Tutor (Part-time).

Midwifery Department.

- Dr. S. Das, M.D., Emeritus Professor (Honorary).
 Dr. H. N. Ray, M.B., M.R.C.O.G. (Lond.), Professor-in-charge (Honorary).
 Dr. K. P. Bhadury, M.B., Associate Professor (Honorary).
 Dr. A. K. Paul, L.M. (Dub.), Assistant Clinical Tutor (Part-time).

Medical Jurisprudence and Hygiene Department.

- Capt. S. K. Bose, M.B., Professor of Jurisprudence (Honorary).
 Dr. L. M. Biswas, M.B., D.T.M., etc., Professor of Hygiene (Honorary).
 Dr. D. C. Sinha, L.M.F., Assistant Demonstrator (Part-time).

Pathology and Bacteriology Department.

- Dr. S. K. Basu, M.B., Ch.B. (Edin.), Professor-in-charge of Pathology (Honorary).
 Dr. S. N. Roy, F.R.C.S. (Edin.), Professor-in-charge of Bacteriology (Honorary).
 Dr. S. K. Dutt, M.B., Demonstrator (Part-time).
 Dr. M. N. Sarkar, M.B., Demonstrator (Part-time).

Ophthalmology Department.

- Dr. S. K. Ganguly, M.B., Lecturer of Ophthalmology (Honorary).

Venereal Diseases.

Dr. D. N. Banerjee, M.B., M.D. (Berlin), Lecturer (Honorary).

Venereal Diseases.

Dr. N. Kumar, M.B., Lecturer (Honorary).

CHITTARANJAN HOSPITAL STAFF.

Sir U. N. Brahmachari, kt., Physician in charge of Kala Azar Ward.

Dr. S. C. Sen Gupta, M.D., F.R.C.S., Physician in charge of Medical Ward.

Dr. D. R. Dhar, M.R.C.P. (London), Physician in charge of Medical Ward.

Dr. D. C. Das, M.B., Physician in charge of Medical Ward.

Honorary Physicians.

Dr. S. C. Lahiri, M.D., Cholera Ward.

Dr. N. K. Brahmachari, M.Sc., M.B., Cholera Ward.

Dr. H. N. Ghosh, M.S.P.E. (Paris), Cholera Ward.

Honorary Surgeons.

Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Surgical Ward.

Lt.-Col. K. K. Chatterjee, F.R.C.S.I., Surgical Ward.

Dr. S. N. Chatterjee, M.B., Surgical Ward.

Honorary Associate Surgeons.

Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Surgical Ward.

Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Surgical Ward.

Dr. J. N. Mazumder, M.B., F.R.C.S. (Edin.), Surgical Ward.

Honorary Ophthalmic Surgeons.

Dr. S. K. Ganguly, M.B., Ophthalmic Ward.

Dr. P. K. Paul, D.O.M.S. (Lond.), Ophthalmic Ward.

Honorary Gynæcologists and Obstetricians.

Dr. S. Das, M.B., Obstetrical Ward.

Dr. H. N. Ray, M.R.C.O.G. (Lond.) Gynæcological Ward.

Dr. K. P. Bhadury, M.B., Obstetrical Ward.

Honorary Surgeon, Eyes, Nose and Throat.

Dr. J. K. Dutta, F.R.C.S. (Edin.), Eyes, Nose and Throat Ward

Honorary Clinical Pathologist.

Dr. S. K. Basu, M.B., Ch.B. (Edin.).

Clinical Pathologist.

Dr. P. C. Chatterjee, M.B.

Hony. Anaesthetist.

Dr. J. C. Banerjee, M.B.

Honorary Assistant Anaesthetist.

Dr. M. N. Dutta, L.M.F.

Honorary Radiologist.

Dr. D. N. Banerjee, M.D. (Berlin).

Assistant Radiologist.

Dr. R. C. Dutta, L.M.F.

OUTDOOR OFFICERS.

Medical—Dr. B. Adak, M.B.

Surgical—Dr. P. C. Dutta, M.B.

Gynæcological—Dr. A. K. Paul, L.M.F., L.M. (Dub.).

V. D.—Dr. N. Kumar, M.B.

Eye—Dr. P. K. Paul, M.B.

Eyes, Nose and Throat—Dr. J. K. Dutta, F.R.C.S.

T. B. Ward—Dr. T. N. Poddar and Dr. R. C. Adhikary.

Superintendent—Lt.-Col. J. C. De, I.M.S., and Dr. S. C. Sen Gupta, M.D. (Edin.), F.R.C.S. (Lond.).

Resident Medical Officers—Dr. R. L. Dutta, M.B., and Dr. A. K. Pal, L.M.F.

Registrar—Dr. M. N. Dutta.

Emergency Officer—Dr. S. K. Sen, L.M.F.

House Officers.

Dr. A. K. Paul, L.M.F.

Dr. S. K. Das, L.M.F.

Dr. A. K. Ghosh, L.M.F.

Dr. B. Choudhury, L.M.F.

Dr. C. K. Banerjee, L.M.F.

Dr. N. K. Dutta, L.M.F.

Dr. S. K. Sen, L.M.F.

Dr. S. K. Mukherjee, L.M.F.

Dr. P. Bose, L.M.F.

Dr. M. A. Q. Azam, L.M.F.

Dr. S. K. Roy, L.M.F.

Dr. C. K. Sen, L.M.F.

Dr. M. K. Das, L.M.F.

Dr. B. R. Ganguly, L.M.F.

They were all whole-time workers.

Students.

- (1) Male and female.
- (2) Generally 100.
- (3) Above 16 years.
- (4) At least the candidates must have passed the Matriculation or its equivalent examination.

Examination.

- (1) Vide Appendix A.
- (2) Vide Appendix A.
- (3) Vide Appendix A.
- (4) Cent. per cent. (compulsory).

Financial.

- (1) Rs. per student per annum.
- (2) (a), (b) and (c) Nil.

Equipment.

- (1) (a) Chittaranjan Hospital 175 beds—average daily 51·4.
 (b) National Infirmary 75 beds—average daily 52.
 (c) Voluntary Venereal Hospital 80 beds.
- (2) 329·1.
- (3) Physiology—17.
- (4) Pathology—20.

TABLE A

Statement showing the attendance of students of the National Medical Institute, Calcutta, during the year 1944-45 and the previous year.

Sessions	1	Retained on the rolls from the previous year.	2	Admitted during the year.	3	Re-admitted during the year.	4	Admitted on production of transcripts for certificates from other medical schools.	5	6	Left, died, etc., during the year.									16	Average monthly number of pupil.	18
											7	8	9	10	11	12	13	14	15				Total.
											Left after having passed the final examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure in school test examination.	Expelled or removed for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Died.	Total.	Remained at the end of the year.	Average monthly number of pupil.	Average daily attendance.
1943-44.																						
Male	..	229	69	8	13	319	55	..	35	2	..	..	..	..	..	..	..	..	94	225	244-0	255-0
Female	..	5	2	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	7	125-0	125-0
1944-45.																						
Male	..	225	135	6	9	375	53	..	24	..	..	..	..	..	..	..	..	2	79	296	295-0	300-0
Female	..	7	2	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	9	100-0	100-0

TABLE B

Classification of students according to religion and nationality taught in and passed out of the National Medical Institution, Calcutta, during the year 1944-45.

Classification.	Total Number students taught, etc.		Number passed out during the year in the Final Examination as L. M. F.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
1. Anglo-Indian	1	1	..	..
2. Indian Christian	4	2	..	..
3. Hindus—				
(a) Brahmin	82	1	12	..
(b) Non-Brahmin	201	5	41	..
4. Muhammadan	8	..	1	..
5. Buddhist .. ..	..	..	..	..
Total	296	9	53	..
<i>Nationality.*</i>				
1. Anglo-Indian	1	1	..	..
2. Bengalees	169	6	29	..
3. Madrasis	33	2	8	..
4. Punjabis	40	..	10	..
5. Rajputs	9	..	..	..
6. Beharis	39	..	6	..
7. Assamee	5	..	..	..
Total	296	9	53	..

TABLE C

Classification according to preliminary general qualifications of students admitted during the year 1944-45 and the previous year.

Classification.	Hindu.		Mohammedan.		Christian.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
B.A. or B. Sc.—								
1943-44 ..	..	..	..	..	..	..	..	..
1944-45 ..	..	..	..	..	..	..	..	..
I.A. or I.Sc.—								
1943-44 ..	8	..	..	..	..	..	..	..
1944-45 ..	14	..	..	..	..	..	..	..
Matriculat.—								
1943-44 ..	38	..	3	..	..	1	..	..
1944-45 ..	70	..	1	..	..	1	6	..
Others—								
1943-44 ..	8	..	..	..	..	..	..	..
1944-45 ..	2	..	..	..	..	..	..	..

General educational qualifications of students admitted, re-admitted on transfer,

TABLE D

Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1944-45 and the previous year.

Sessions.	Final examination.				Intermediate examination.				Primary examination.			
	Number appeared.		Number passed.		Percentage of passed.		Number appeared.		Number passed.		Percentage of passed.	
	Regular April Examination, 1944-45.	October or re-examination, 1943-44.	Regular April Examination, 1944-45.	October or re-examination, 1943-44.	Regular April Examination, 1944-45.	October or re-examination, 1943-44.	Regular April Examination, 1944-45.	October or re-examination, 1943-44.	Regular April Examination, 1944-45.	October or re-examination, 1943-44.	Regular April Examination, 1944-45.	October or re-examination, 1943-44.
1	79	71	35	20	44.3	28.2	50	50	14	22	30	46
1943-44.	..	..	..	..	..	..	..	..	..	..	..	..
Male	..	..	..	..	..	..	..	..	..	..	..	..
Female	..	..	..	..	..	..	..	..	..	..	..	..
1944-45.	116	14	75	11	64.9	78.5	52	43	17	27	31.4	62.7
Male	..	..	..	..	..	..	..	..	..	..	..	..
Female	1	..	1	..	..	..	..	..	..	..	..	..
1943-44.	..	..	..	..	..	..	..	..	..	..	..	..
Male	..	..	..	..	..	..	..	..	..	..	..	..
Female	..	..	..	..	..	..	..	..	..	..	..	..
1944-45.	..	..	..	..	..	..	..	..	..	..	..	..
Male	..	..	..	..	..	..	..	..	..	..	..	..
Female	..	..	..	..	..	..	..	..	..	..	..	..

Annual Report of the Bankura Sammilani Medical School for the year 1944-45

I.—Building and Accommodation.

An additional construction in the existing operation theatre within the Hospital compound has been made in the year under report. The School hostel which is the abode of about 140 students has been thoroughly repaired with a cost of Rs. 2,200 and made comfortable to students to cope with the excessive heat during the Summer Season. The usual repairs of the existing buildings were duly carried out.

II.—Teaching and Equipment.

Department of Chemistry and Physics.—The professors of Chemistry and Physics of the local college assisted by a demonstrator held Theoretical and Practical classes of the subjects. The number of classes and demonstrations held was as follows:—

				Lectures.	Practical demonstrations.
Physics	..	..	..	49	25
Chemistry	...	..	..	47	24

Department of Anatomy.—The teacher of Anatomy delivered the prescribed course of lectures during the year. The teacher and the four assistant teachers conducted the dissection. Besides the four assistant teachers took practical demonstration classes and weekly examination regularly throughout the year. Special attention was devoted to the further training of plucked students. Sufficient dead bodies were available from the attached hospital for dissection and demonstration and we could afford to give one body to ten students.

Department of Physiology.—The department was under the charge of Dr. K. P. Banerjee, M.B., and Dr. L. N. Das, M.Sc., M.B., assisted by a staff of three assistant teachers, namely, Dr. R. Tewary, L.M.F., Dr. N. Chatterjee, L.M.F., and Dr. S. Mukherjee, L.M.F.

Two teachers of the subject delivered more than prescribed course of lectures during the year while teacher Dr. L. N. Das assisted by three demonstrators held 60 demonstrations and 24 practical classes to each batch of 2nd year students consisting of sub-batches.

The department was well equipped with slides, diagrams, microscopes and necessary tools and materials.

Materia Medica and Pharmacy.—Dr. K. K. Mitra, L.M.S., teacher of Materia Medica, delivered 64 lectures to the 1st and 2nd year students. Besides the lectures the teacher took demonstration classes in batches separately for the 1st and 2nd year students. The second teacher Dr. B. Ghosh, L.M.F., took 65 demonstrations and 25 practical classes (Pharmacy) for the 1st and 2nd year students.

The department is fully equipped with drugs and specimens in accordance with the British Pharmacopoeia of 1932.

Department of Pathology.—The department was under the charge of Dr. R. Mukherjee, M.B., D.P.H., assisted by a staff of 2nd teacher Dr. H. P. Mukherjee, M.B., and a demonstrator Dr. S. Mukherjee, L.M.F. A course of 44 lectures on Pathology and Bacteriology was delivered by the teacher and a course of 44 demonstrations and practical classes for students for each batch of 3rd year class.

The number of post-mortems held during the year was 10 which were attended by the students of the 3rd and 4th year classes.

New specimens were added to the museum during the year under report. The department is well equipped. Laboratory examinations as usual were carried out during the year.

Department of Medicine.—The department was under the charge of Dr. D. Gupta, B.Sc., M.B., teacher of Medicine as well as the Physician to the attached hospital. A course of 59 lectures was delivered to the students of 3rd year and 4th year classes by the teacher.

Clinical demonstrations were given in the Wards every day by teacher and 2nd Physician Dr. R. Mukherjee, M.B., D.P.M. Besides clinical demonstrations Dr. R. N. Barat, L.M.F., Senior House Physician, held tutorial classes one hour daily in the evening in the Medical Ward of the Hospital. Writing up of case notes and performance of Clinical Laboratory were supervised by Dr. P. N. Mukherjee, L.M.F.

Department of Surgery.—The department was under the charge of Dr. A. Ray, M.B., teacher of Surgery as well as 1st Surgeon to the attached Hospital. He delivered 70 lectures to the 3rd and 4th year classes besides the tutorial classes in the Hospital. The 2nd teacher Dr. K. De, B.Sc., M.B., took 21 practical classes on operative Surgery and 36 lectures of anaesthesia. Clinical instructions were given in the out-patient department and in the Ward. In the latter sections the students were required to act as Surgical dressers and also to attend all operations performed by the 1st and 2nd Surgeons. The senior students were given opportunities of helping the surgeons in operations at hospital and were also trained to perform minor operations in the outdoor dispensary. Tutorial classes were also held by the Senior House Surgeon Dr. N. C. Ray, L.M.F.

Ophthalmic Surgery.—Dr. H. Kundu, M.B., B.S., who was the teacher of Ophthalmic Surgery as well as Eye-surgeon to the attached hospital delivered 22 lectures to the students of the 3rd and 4th year classes. All varieties of cases including severe conjunctivitis, spinal types of corneal ulcers, diseases of the lens, etc., were admitted for teaching purposes and treated. The cases in the Wards were distributed amongst the students for examination and for following up of their treatment and progress.

Obstetrical and Gynaecological Sections.—The department was under the charge of Dr. R. Banerjee, B.Sc., M.B., F.S.M.F. (Bengal), teacher of Midwifery and Gynaecologist to the attached hospital assisted by a staff of one 2nd teacher Dr. P. Banerjee, M.B. The teacher of Midwifery delivered 62 lectures to the students of 3rd and 4th year classes, in addition to the tutorial classes. The students were detailed for duty in batches in the wards, each batch for a period of three months. The students in charge of Obstetrical Wards were required to follow their cases from the time of admission to the date of discharge. Mechanism of normal and abnormal labour cases and applications of commoner obstetrical instruments were demonstrated to the students regularly on the dummy.

Dr. P. Banerjee, M.B., 2nd Gynaecologist, delivered 35 lectures on Gynaecology and helped the Senior Gynaecologist in all operations along with senior students and Dr. S. Dutta, L.M.F., Resident House Surgeon to this department. The students were thus given the facility of assisting in Gynaecological and Obstetrical operations.

Medical Jurisprudence.—The department was under the charge of Dr. Haridas Gupta, L.M.F., the teacher of Medical Jurisprudence, who is the

medical officer, in charge of the local Police Hospital, delivered 46 lectures to the 3rd and 4th year classes. Almost all the medico-legal post-mortem were demonstrated to the students by the teacher in the local police morgues.

Hygiene.—This department was under the charge of Dr. S. K. Sinha, M.B., D.P.H., District Health Officer. The teacher of Hygiene delivered 18 lectures to the 3rd and 4th year students while Dr. N. Chatterjee, L.M.F., who was newly appointed as the demonstrator of Hygiene gave 12 demonstrations in the subject. This department is up-to-date, having sufficient diagrams, charts and models, etc.

Hospital Training.—The Hospital attached to the School treated 1,973 indoor patients during the year under report with a daily average of 92 and it treated 12,167 outdoor patients. The students were also detailed to duty to the local Sadar Hospital containing 36 beds where the school authorities have got a Physician to deliver bed-side clinics.

Out-patient Department.—Senior students were deputed in batches throughout the year and attended clinics in every section of this department including ophthalmology. They were also given every facility to perform minor operations and to assist in major operations. They were also given facility to diagnose and to give injections. Tutorial teaching was also given to the students in the out-patient department by the respective medical officers.

X-Ray Department.—Dr. L. N. Das, M.Sc., M.B., was in charge of this department. This has improved the teaching of Medicine and Surgery considerably, nearly every plate taken is demonstrated to the students.

III—Conduct and attendance of students.

Details of attendance are given in Table A. The conduct of the students in the School and in the Hospital was satisfactory.

IV.—Finance.

Details of receipts and expenditures with the previous year are stated in Table E.

V.—Admission.

Number of new admission in the 1st year class was 36 only. Details are given in Table C.

VI.—General notes

Lieutenant-General K. S. Fitch, I.M.S., Deputy Surgeon-General with the Government of Bengal (Famine Relief), inspected this Institution in July 1944.

It was further visited by Dr. P. Brahmachery, Deputy Inspector of Hospitals, Burdwan and Presidency Divisions, and also by Moulana Abul Kalam Azad, the President, All-India Congress Committee, in the months of April and June 1945.

Dr. P. De, M.B., received post-graduate training for specialising diseases belonging to E. N. T. Department during the year under report.

Hostel Accommodation.—The School hostel accommodated 140 students during the year under report under the control of the Hostel Warden, Dr. R. Barat, L.M.F., who was the resident. The messing of the students was controlled by the students themselves while the disciplinary control was in the hands of a Committee consisting of teachers.

Athletic club.—The club was well maintained and the students took great interest in competition and friendly games. The students played football in the ground of their own within the hostel compound. Besides other outdoor games such as badminton, tennis, etc., they took part in indoor games like table tennis, carrom board.

Library.—The School has got a library which is equipped with necessary number of medical books and journals. -

The Students' Common Room has a separate library containing necessary books and journals for their own use.

At last I gratefully acknowledge the sincerity of co-operation I received from the members of the teaching and clerical staff for running the Institution.

A. RAY, M.B.,

Superintendent, Bankura Sammilani Medical School.

BANKURA :

The 16th January, 1946.

ANNEXURE 1.

List showing the names of the staff with their academic qualifications and their duties in the Bankura Sammilani Medical School also whether whole-time, part-time or honorary.

- (1) Dr. Anathbandhu Ray, M.B. (Gold medalist), Superintendent, and Teacher of Surgery (Part-time).
- (2) Dr. Ramgoti Banerjee, B.Sc., M.B. (Gold medalist), F.S.M.F. (Bengal), Teacher of Midwifery and Gynaecology (Part-time).
- (3) Dr. Durgadas Gupta, B.Sc., M.B., Teacher of Medicine (Part-time).
- (4) Dr. Ramranjan Mukherjee, M.B., D.P.H. (Medalist), Teacher of Pathology (Part-time).
- (5) Dr. Hariprasanna Mukherjee, M.B., Teacher of Pathology (Part-time).
- (6) Dr. Harsha Gopal Kundu, M.B., B.S., Teacher of Ophthalmic Surgery (Part-time).
- (7) Dr. Haridas Gupta, L.M.F., Teacher of Jurisprudence (Part-time).
- (8) Dr. Sisir Kumar Sinha, M.B., D.P.H., Teacher of Hygiene (Part-time).
- (9) Dr. Kali Krishna Mitra, L.M.S., Teacher of Materia Medica (Whole-time).
- (10) Dr. Kalipada Banerjee, M.B. (Gold medalist), Teacher of Physiology (Part-time).
- (11) Dr. Lakshminarayan Das, M.Sc., M.B. (Gold medalist), Teacher of Physiology (Part-time).
- (12) Dr. Phanindra Nath De, M.B. Teacher of Anatomy (Part-time).
- (13) Dr. Parbatiranjana Banerjee, M.B., Teacher of Gynaecology (Part-time).
- (14) Dr. Kshudiram De, B.Sc., M.B., Teacher of Minor Surgery (Part-time).
- (15) Prof. Abala Kanta Choudhury, M.Sc., Teacher of Physics (Part-time).
- (16) Prof. Anath Nath Halder, M.Sc., Teacher of Chemistry (Part-time).
- (17) Dr. Keshab Ch. Karmakar, B.A., L.M.F., Demonstrator of Anatomy (Whole-time).
- (18) Dr. Nistaran Ray, L.M.F., Demonstrator of Anatomy (Whole-time).
- (19) Dr. Ramhari Chatterjee, L.M.F., Demonstrator of Anatomy (Whole-time).
- (20) Dr. Rabindra Nath De, L.M.F., Demonstrator of Anatomy (Whole-time).
- (21) Dr. Bholanath Ghosh, L.M.F., Demonstrator of Materia Medica (Whole-time).
- (22) Dr. Ratiranjana Tewari, L.M.F., Demonstrator of Physiology (Whole-time).
- (23) Dr. Sudhanshu Sekhar Mukherjee, L.M.F., Demonstrator of Physiology (Whole-time).
- (24) Dr. Narendra Nath Chatterjee, L.M.F., Demonstrator of Physiology (Whole-time).
- (25) Mr. Haragobinda De, B.Sc., Demonstrator of Physics and Chemistry (Whole-time).

ANNEXURE 2.

List showing the names of the staff with academic qualifications and their duties in the Bankura Sammilani Medical School Hospital attached to the School, also whether whole-time or part-time officer.

- (1) Dr. Anathbandhu Ray, M.B. (Gold medalist), Superintendent of the Hospital and in-charge of Surgical Ward (Part-time).
- (2) Dr. Kshudiram De, B.Sc., M.B., 2nd Surgeon (Part-time).
- (3) Dr. Narayan Ch. Ray, L.M.F., Senior House Surgeon (Whole-time Officer).
- (4) Dr. Harsha Gopal Kundu, M.B., B.S., Deputy Superintendent to the Hospital and in-charge of Ophthalmic Ward and Ophthalmic Out-patient Department (Part-time Officer).
- (5) Dr. Ramgoti Banerjee, B.Sc., M.B. (Gold medalist), F.S.M.F. (Bengal), in-charge of Gynaecological and Obstetrical Ward (Part-time).
- (6) Dr. Parbatirajan Banerjee, M.B., 2nd Gynaecologist (Part-time).
- (7) Dr. Sanatan Dutta, L.M.F., Senior Resident House Surgeon, Obstetrical and Gynaecological Department (Whole-time).
- (8) Dr. Durgadas Gupta, B.Sc., M.B., in-charge of Medical Ward.
- (9) Dr. Ramranjan Mukherjee, M.B., D.P.H. (Medalist), 2nd Physician (Part-time).
- (10) Dr. Hariprasanna Mukherjee, M.B., Outpatient Department (Part-time).
- (11) Dr. Ramnarayan Barat, L.M.F., Senior Resident House Physician (Whole-time).
- (12) Dr. Lakshminarayan Das, M.Sc., M.B. (Gold medalist), Radiologist (Part-time).

Junior House Surgeons (whole-time) for the first half of the year for the six months were appointed and two for the latter half.

The services of the temporary demonstrators Dr. Ramhari Chatterjee, L.M.F., and Dr. N. Chatterjee, L.M.F., were terminated from 12th April 1944 but they were again reinstated during the year under report and are still working in their respective posts.

Students.

- (1) Sex of students—

Male	...	...	...	275
Female	...	...	...	1
				<hr/> 276

- (2) Maximum number of new students annually (admission)—During the year 1944-45, new admission was 36.
- (3) Age-limit, high and low for students on admission to the School.—There is no age-limit for admission into a Medical School, but the students must be above 16 years on the 1st day of the month in which they will have to appear for the Primary Licentiate Examination.
- (4) Standard of general education required for admission to the School—Matriculation or equivalent standard is the minimum qualification.

Examinations.

- (1) Names of examiners at each of the examinations—*Vide* Appendix A.
- (2) By whom appointed and for how long at a time—*Vide* Appendix A.
- (3) Percentages of marks required at each examination to obtain a pass—40 per cent. in written and 40 per cent. in oral and Practical Examinations.
- (4) Proportion of students who take all the subjects at the Final Examinations—70-55.

Financial.

- (1) Cost to the body responsible for the School per student per annum in the School—Rs. 175-0-8 only.
- (2) Percentage of student paid for by—

			Per cent.
(a) Government	...	...	Nil.
(b) Local bodies or other agencies	...	...	1-94
(c) Privately by guardians	...	...	98-06

Equipment.

- (1) Number of sanctioned beds in the attached hospital—128. Daily number of in-patients—91-75.
- (2) Average number of confinement cases per annum during the last three years.

	Normal.	Abnormal.	Total.
1942-43	69	66	135
1943-44	41	39	80
1944-45	27	37	64

- (3) Number of microscopes allotted for the personal use of students in teaching:—

(i) Physiology	..	..	..	..	12
(ii) Pathology	..	..	..	..	5
			Total }	..	17

TABLE (A)

Statement showing the attendance of students of the Bankura Sammilani Medical School, Bankura, during the year 1944-45 and previous year.

Sessions.	1	2	3	4	5	6	Left, died, etc., during the year.								15	16	17	18
							7	8	9	10	11	12	13	14					15
		Remained on the roll from the previous year.	Admitted during the year.	Readmitted during the year.	Admitted on transfer from other Medical Schools.	Total.	Left the School after having passed Final Examination.	Removed for absence without leave.	Removed for non-payment of fees.	Removed for failure in the examination.	Disqualified or removed for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Dead.	Total.	Remained at the end of the year.	Average monthly attendance of pupils.	Average daily attendance.
1943-44.																		
Male	..	289	10	9	1	309	36	7	21	18	..	9	..	1	92	217	289	251
Female
1944-45.																		
Male	217	34	23	..	274	49	2	17	10	1	1	..	2	82	192	256	230
Female	2	..	..	2	..	..	..	..	..	..	..	..	1	1	..	2

TABLE B.

Statement showing the classification of students according to religious and nationality taught in and passed out of the Bankura Sammilani Medical School, Bankura, during the year 1944-45.

Classification.	Total number of students during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L. M. F. or Final (Examination) Licentiatehip of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
Religion—				
1. Indian Christian	1	2	..	..
2. Hindus	263	..	47	..
3. Mahomedan	9	..	1	..
4. Sikhs	1	..	1	..
Total	274	2	49	..
Nationality—				
1. Bengalee	224	1	38	..
2. Behari	45	1	10	..
3. Punjabi	5	..	1	..
Total	274	2	49	..

TABLE C.

Statement showing the classification according to preliminary general qualification of the students during the year 1944-45 and the previous year in the Bankura Sammilani Medical School, Bankura.

Classification.	Hindus.		Mahommedans.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1943-44								
I. A. ..	2	..	..	..	..	..	..	..
Matriculation ..	17	..	..	..	..	..	..	..
Intermediate Li- centiateship.	..	..	1	..	..	..	..	..
1944-45.								
I. Sc. ..	1	..	..	..	..	..	..	..
I. A. ..	1	..	..	..	..	..	..	..
Matriculation ..	54	..	..	..	..	2	1	..

TABLE

Statement showing the income and expenditure of the Bankura Sammilani

Heads of receipt.	Income.			
	1943-44.	1944-45.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Opening balance	40,721	37,312	..	(a) 3,409
Fees and fines	39,291	37,227	..	(b) 2,064
Faculty fees	5,341	5,166	..	(c) 175
Municipal grant	2,250	1,125	..	(d) 1,125
District Board grant	1,020	200	..	(e) 820
Miscellaneous	10,817	7,176	..	(f) 3,641
Grand Total ..	99,440	88,206	..	11,234

(a) Due to more balance in the previous year.

(b) Due to less amount realised in the head.

(c) Due to less number of students appeared at the Faculty Examination.

(d) Due to realisation of usual grant for one year.

(e) Due to reduction of grant.

(f) Due to less amount realised in the head.

E.

Medical School, Bankura, during the year 1944-45 and the previous year.

Heads of expenditure.	Expenditure.			
	1943-44.	1944-45.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Contingency	4,816	4,495	..	(a) 321
Electric charge	1,633	2,001	(b) 368	..
Books and journals	1,060	62	..	(c) 998
Faculty fee	5,321	5,166	..	(d) 155
Establishment charges	23,594	27,375	(e) 3,781	..
Furniture	126	..	..	(f) 126
Scholarship	210	150	..	(g) 60
Taxes and rents	1,038	1,167	..	(h) 771
Building repairs	2,409	2,175	..	(i) 234
Provident fund	2,015	..	..	(j) 2,015
Contribution to hospital	19,006	7,500	..	(k) 11,506
Total	62,128	50,091	4,149	16,186
Closing balance	37,312	38,115	(l) 803	..
Grand Total	99,440	88,206	4,952	16,186

- (a) Due to less expenditure in the head.
 (b) Due to availability of electric bulbs.
 (c) Due to non-availability of medical books.
 (d) Due to less number of students appeared at the Faculty Examination.
 (e) Due to graded scale of pay increased every year.
 (f) Due to non-expenditure in the head.
 (g) Due to less expenditure in the head.
 (h) Due to usual tax paid for each year.
 (i) Due to less expenditure in the head.
 (j) Due to non-payment of any Provident Fund loan.
 (k) Due to more income derived from hospital.
 (l) Due to the increase surplus of the present year.

List of Examiners for the First Term of 1944.

Compoundership Examination.

1. Teacher of Compoundership Class, Campbell Medical School, Calcutta.
2. Teacher of Compoundership Class, Dacca Medical School.

Dressership Examination.

1. Dr. J. L. Sengupta, L.M.F., Calcutta Medical School.
- Dr. J. N. Majumdar, F.R.C.S., National Medical Institute, Calcutta.

A.—Dental Examinations.

PRIMARY.

Chemistry.

1. Dr. L. N. Das, B.Sc., L.D.Sc.
2. Mr. H. P. Chakrabarti, Calcutta Medical College.

Physics.

1. Dr. L. N. Das, B.Sc., L.D.Sc.
2. Mr. H. P. Chakrabarti, Calcutta Medical College.

Biology.

1. Dr. Q. M. Musa, M.B., Ch.B., National Medical Institute, Calcutta.
2. Dr. Taraknath Poddar, M.B., Carmichael Medical College, Calcutta.

INTERMEDIATE.

General Anatomy and Physiology.

1. Dr. S. C. Kabiraj, M.B., Calcutta Dental College.
2. Dr. Jibankrishna Majumdar, M.B.

Dental Anatomy, Physiology and Histology.

1. Dr. Bankim Mukherjee, L.D.S., R.C.S.
2. Dr. A. S. Ghosh, L.D.S.

Dental Prosthetics and Dental Metallurgy.

1. Dr. M. Ahmed, B.A., D.D.S., F.S.M.F.
2. Dr. S. P. Mewar, D.D.S.

FINAL.

General Surgery, Pathology and Bacteriology.

1. Rai Bahadur Dr. Satischandra Ghosh, L.M.S.
2. Dr. S. C. Chatterjee.

General Medicine, Dental Materia Medica and Therapeutics.

1. Dr. Z. Ahmed, M.B.
2. Dr. Susil Chatterjee, M.R.C.P.

Dental Surgery, Anaesthetics, Pathology and Radiology.

1. Dr. B. R. Jennings, L.D.S., R.C.S.
2. Dr. R. Ahmed, D.D.S.

SPECIAL DENTAL EXAMINATION UNDER SECTION 12(3) OF THE BENGAL
DENTIST ACT, 1939.

Dental Surgery.

1. Dr. R. Ahmed, D.D.S.
2. Dr. B. R. Jennings, L.D.S., R.C.S.

Dental Prosthetics.

1. Dr. M. Ahmed, D.D.S., F.S.M.S.
2. Dr. S. P. Mewar, D.D.S.

B.—(1) Membership Examinations (Old Regulations).

FIRST EXAMINATION.

Anatomy.

1. Dr. S. C. Sinha, M.B., F.R.C.S.E., Medical College, Calcutta.
2. Dr. D. P. Banerjee, M.B., Carmichael Medical College, Calcutta.

Physiology.

1. Capt. P. De, M.B., M.R.C.P., Medical College, Calcutta.
2. Dr. M. M. Datta, L.M.S.

SECOND EXAMINATION.

Materia Medica.

1. Dr. B. N. Ghosh, M.B.E., L.M., F.R.F.P.S., Carmichael Medical College, Calcutta.
2. Dr. J. C. Gupta, M.B., School of Tropical Medicine, Calcutta.

Pathology.

1. Dr. D. N. Banerjee, M.B., Carmichael Medical College, Calcutta.
2. Dr. Anwar Ali, Assistant Professor of Pathology, Calcutta Medical College.

THIRD EXAMINATION.

Medical Jurisprudence.

1. Khan Sahib Dr. K. Hossain, M.B., D.T.M., F.S.M.F., Medical College Calcutta.
2. Captain S. K. Bose, M.B., Calcutta Medical School.

Hygiene.

1. Dr. B. Mukherjee, M.B., D.P.H., Deputy Director of Public Health, Bengal.
2. Dr. M. U. Ahmed, M.B., D.P.H.

FINAL EXAMINATION.

Medicine.

1. Dr. A. K. M. Abdul Wahed, M.B., M.R.C.P., F.R.F.P.S., Medical College, Calcutta.
2. Dr. B. N. Chaudhuri, M.B., M.R.C.P., School of Tropical Medicine.

Surgery.

1. Dr. D. C. Chakrabarti, F.R.C.S.E.
2. Dr. P. Ray, M.B., F.R.F.P.S.

Midwifery.

1. Dr. Satinath Bagchi, M.O., Carmichael Medical College, Calcutta.
2. Rai Bahadur Dr. J. C. Chatterjee, L.M.S., Calcutta Medical School.

B—(2) Membership Examination (New Regulations).

FIRST M.M.F.

Organic and Physical Chemistry.

1. Rai Bahadur Dr. K. M. Bagchi, M.D., Calcutta Medical College.
2. Dr. Quadrat-I-Khuda, Presidency College, Calcutta.

Anatomy.

1. Dr. S. C. Sinha, B.Sc., M.B., F.R.C.S.E., Calcutta Medical College.
2. Dr. D. P. Banerjee, M.B., Carmichael Medical College, Calcutta.

Physiology.

1. Captain P. De, B.Sc., M.B., M.R.C.P., Calcutta Medical College.
2. Dr. M. M. Datta, L.M.S.

Pharmacology.

1. Dr. B. N. Ghosh, M.B.E., L.M., F.R.F.P., Carmichael Medical College.
2. Dr. J. C. Gupta, M.B., School of Tropical Medicine, Calcutta.

C.—Licentiatehip Examinations.

PRIMARY.

Physics and Chemistry.

1. Mr. S. C. Mukherjee, M.Sc., Calcutta Medical College (Convenor).
2. Dr. Baladeb Mukherjee, B.Sc., M.B., National Medical Institute Calcutta.
3. Mr. M. Sinha, M.Sc., Calcutta Medical School.
4. Mr. Syed Ashraf Ali, M.Sc., Veterinary College, Calcutta.

INTERMEDIATE.

Anatomy.

1. Dr. L. K. Ghosh, M.B., Campbell Medical School (Convenor).
2. Dr. A. M. Bhattacharyya, O.M.F., Jalpaiguri Medical School.
3. Dr. Q. M. Musa, M.B., Ch.B., National Medical Institute, Calcutta.
4. Dr. M. Pan, F.R.C.S., Calcutta Medical School.
5. Dr. Shamsuddin Ahmed, H.B., Calcutta Medical College.
6. Dr. Umeshchandra Chakrabarti, M.B., F.R.C.S., Calcutta Medical College.

Physiology.

1. Dr. Nripendranath Mukherjee, M.B., Medical College, Calcutta (Convenor).
2. Dr. Md. Abdul Karim, M.B., Dacca Medical School.
3. Dr. K. C. Chakraborty, L.M.F., F.S.M.F., Calcutta Medical School.
4. Dr. Bagala Bhattacharyya, M.B., National Medical Institute, Calcutta.
5. Dr. A. Rahaman, B.A., L.M.F., Campbell Medical School.
6. Dr. Chandi Ch. Chatterjee, Calcutta Medical College.

Materia Medica.

1. Dr. D. N. Basu, M.R.C.S., L.R.C.P., National Medical Institute (Convenor).
2. Rai Sahib Dr. S. Chatterjee, B.Sc., M.B., Calcutta Medical School.
3. Dr. Altafuddin Ahmed, Dacca Medical School.
4. Dr. Batakrishna Ray, L.M.S.
5. Dr. Mir Mansur Ali, M.B., School of Tropical Medicine, Calcutta.
6. Dr. Md. Ibrahim, Calcutta Medical College.

FINAL.

Medicine.

1. Dr. Sisirkumar Mukherjee, M.B., M.R.C.P., Calcutta Medical School (Convenor).
2. Dr. Md. Habibur Rahman, B.S.C., M.B. Jalpaiguri Medical School.
3. Dr. Prasantakumar Ghosh, M.B., M.R.C.P., Carmichael Medical College, Calcutta.
4. Dr. Amiya Bose, M.B., M.R.C.P., Medical College, Calcutta.
5. Dr. Ali Ahmed, Burdwan Medical School.
6. Dr. Arun Sen, M.B., Campbell Medical School.

Surgery.

1. Dr. Tinkari Acharyya, M.B., Cambell Medical School (Convenor).
2. Dr. P. Sanyal, M.B., F.R.C.S., Calcutta Medical College.
3. Dr. Anathbandhu Ray, M.B., Bankura Sammilani Medical School.
4. Dr. Md. Bhabir, M.B., Lytton Medical School, Mymensingh.
5. Dr. Binaykumar Dasgupta, F.R.C.S., Calcutta Medical College.
6. Dr. Kanak Sarbadhikari, M.B., F.R.C.S., Carmichael Medical College, Calcutta.

Midwifery.

1. Dr. S. K. Gupta, M.B., Calcutta Medical School (Convenor).
2. Dr. H. N. Ray, M.B., M.C.O.G., National Medical Institute, Calcutta.
3. Dr. Ramgati Banerjee, M.B., F.S.M.E., Bankura Sammilani Medical School.
4. Dr. Sudhirchandra Basu, F.R.C.S., Campbell Medical School, Calcutta.
5. Dr. Habibuddin Ahmed, M.B., F.R.C.S., M.C.O.G.
6. Dr. Upendranath Banerjee, M.B., Carmichael Medical College, Calcutta.

Medical Jurisprudence and Hygiene.

1. Dr. Muhammad Hossain, M.B., Campbell Medical School (Convenor —Juris.).
2. Dr. Sachi Chatterjee, M.B., Ph.D., Medical College, Calcutta.
3. Dr. L. M. Biswas, M.B., D.P.H., National Medical Institute (Convenor—Hygiene).
4. Dr. Abdul Jabbar, Assistant Director of Public Health, Bengal.

List of Examiners for the Second Term of 1944.

Licentiate Examination.

PRIMARY.

Physics and Chemistry.

1. Mr. Sureschandra Mukherjee, m.sc., Calcutta Medical College (Convenor).
2. Mr. M. Sinha, m.sc., Calcutta Medical School.
3. Dr. Baladeb Mukherjee, B.sc., m.b., National Medical Institute, Calcutta.
4. Mr. Syed Ashraf Ali, m.sc., Veterinary College, Calcutta.

INTERMEDIATE.

Anatomy.

1. Dr. M. Pan, m.b., F.R.C.S., Campbell Medical School (Convenor).
2. Dr. A. D. Mukherjee, L.M.F., Calcutta Medical School.
3. Dr. Q. M. Musa, m.b., ch.b., National Medical Institute, Calcutta.
4. Dr. Anilchandra Majumdar, m.b., National Medical Institute, Calcutta.
5. Dr. Shamsuddin Ahmed, m.b., Calcutta Medical College.
6. Dr. Umeschandra Chakrabarti, m.b., F.R.C.S., Calcutta Medical College.

Physiology.

1. Dr. Anilkrishna De, m.b., Calcutta Medical School (Convenor).
2. Dr. Md. Abdul Karim, m.b., Dacca Medical School.
3. Dr. Nripendranath Mukherjee, m.b., Medical College, Calcutta.
4. Dr. A. Rahaman, B.A., L.M.F., Campbell Medical School, Calcutta.
5. Dr. N. K. Brahmachari, m.b., National Medical Institute, Calcutta.
6. Dr. L. N. Das, m.b., Teacher of Physiology, Bankura Sammilani Medical School.

Materia Medica.

1. Dr. Ali Ahmed, m.b., Campbell Medical School (Convenor).
2. Teacher of Materia Medica, Ronaldshay Medical School, Burdwan.
3. Rai Sahib Dr. S. Chatterjee, B.sc., m.b., Calcutta Medical School.
4. Dr. Subodhchandra Lahiri, m.d., National College, Calcutta.
5. Dr. Md. Ibrahim, m.b., Medical College, Calcutta.
6. Dr. Mir Mansur Ali, m.b., School of Tropical Medicine, Calcutta.

FINAL.*Medicine.*

1. Dr. Nawab Ali, M.B., D.T.M., Campbell Medical School (Convenor).
2. Dr. M. N. Ray Chaudhuri, M.B., School of Tropical Medicine, Calcutta.
3. Dr. Md. Habibur Rahman, B.Sc., M.B., Jalpaiguri Medical School.
4. Dr. Sisirkumar Mukherjee, M.B., M.R.C.P., Calcutta Medical School.
5. Dr. Prasantakumar Ghosh, M.B., M.R.C.P., Carmichael Medical College.
6. Dr. Sultan Ahmed Chowdhury, M.B., Medical College, Calcutta.

Surgery.

1. Dr. S. K. Chatterjee, M.B., F.R.C.S., Campbell Medical School (Convenor).
2. Dr. Anathbandhu Ray, M.B., Bankura Sammilani Medical School.
3. Dr. Kumarkanti Ghosh, M.B., Chittagong Medical School.
4. Dr. Amarnath Mukherjee, B.Sc., M.B., F.R.C.S., Carmichael Medical College.
5. Dr. H. Rahman, M.B., Sambhunath Pandit Hospital, Calcutta.
6. Dr. Binaykumar Dasgupta, M.B., F.R.C.S., Medical College, Calcutta.

Midwifery.

1. Dr. S. K. Gupta, M.B., Calcutta Medical School (Convenor).
2. Dr. P. C. Das, M.B., M.O., Carmichael Medical College, Calcutta.
3. Dr. Ramgati Banerjee, M.B., Bankura Sammilani Medical School.
4. Dr. Sudhirschandra Basu, M.B., F.R.C.S., Campbell Medical School.
5. Dr. Habibuddin Ahmed, M.B., F.R.C.S., M.C.O.G., Police Hospital, Calcutta.
6. Dr. Nurul Islam, M.B., Eden Hospital, Calcutta.

Medical Jurisprudence and Hygiene.

1. Dr. Muhammad Hossain, M.B., Campbell Medical School (Convenor —Juris.).
2. Dr. Sachi Chatterjee, M.B., Ph.D., Calcutta Medical College.
3. Dr. Bimal Datta, L.M.F., Calcutta Medical School (Convenor —Hygiene).
4. Dr. Abdul Jabbar, M.B., D.P.H., Assistant Director of Public Health, Bengal.

Compoundership Examination.

Teacher of Compoundership Class, Campbell Medical School, Calcutta.
 Teacher of Compoundership Class, Dacca Medical School.

Dressership Examination.

Dr. J. L. Sengupta, L.M.F., Calcutta Medical School.

Dr. Tinkari Acharyya, M.B., Campbell Medical School.

Primary Dental Examination.*Chemistry.*

Dr. L. N. Das, B.Sc., L.D.Sc.

Mr. H. P. Chakrabarti, Calcutta Medical College.

Physics.

Mr. H. P. Chakrabarti, Calcutta Medical College.

Dr. L. N. Das, B.Sc., L.D.Sc.

Biology.

Dr. Q. M. Musa, M.B., Ch.B., National Medical Institute, Calcutta.

Dr. Taraknath Poddar, M.B., Carmichael Medical College, Calcutta.

Intermediate Dental Examination.*General Anatomy and Physiology.*

Dr. S. C. Kabiraj, M.B., Calcutta Dental College.

Dr. Jiban Majumdar, M.B.

Dental Anatomy, Physiology and Histology.

Dr. Bankim Mukherjee, L.D.S., R.C.S., Calcutta Medical College.

Dr. A. S. Ghosh, L.D.S., R.C.S.

Dental Prosthetics and Dental Metallurgy.

Dr. M. Ahmed, B.A., D.D.S., F.S.M.F., Calcutta Medical College.

Dr. S. P. Mewar, D.D.S.

Final Dental Examination.*General Surgery, Pathology and Bacteriology.*

Rai Bahadur Dr. Satischandra Ghosh, L.M.S., Calcutta Medical College.

Dr. S. C. Chatterjee.

General Medicine, Dental Materia Medica and Therapeutics.

Dr. Z. Ahmed, M.B.

Dr. Susil Chatterjee, M.R.C.P., Calcutta Medical School.

Dental Surgery, Anaesthetics, Pathology, Radiology, etc.

Dr. B. R. Jennings, L.D.S., R.C.S., Calcutta Medical College.

Dr. R. Ahmed, D.D.S., Calcutta Dental College.

Special Dental Examination under section 12(3) of the Bengal Dentists Act, 1939.

Dental Surgery.

Dr. R. Ahmed, D.D.S., Calcutta Dental College.

Dr. B. R. Jennings, L.D.S., R.C.S., Calcutta Medical College.

Dental Prosthetics

Dr. M. Ahmed, B.A., D.D.S., F.S.M.F., Calcutta Medical College.

Dr. A. N. Bose. L.D.S.

Membership (old Regulations).

FIRST EXAMINATION.

Anatomy.

1. Dr. S. C. Sinha, B.Sc., M.B., F.R.C.S.E., Calcutta Medical College.
2. Dr. D. P. Banerjee, M.B., Carmichael Medical College, Calcutta.

Physiology.

1. Captain P. De, B.Sc., M.B., M.R.C.P., Medical College, Calcutta.
2. Dr. M. M. Datta, L.M.S.

SECOND EXAMINATION.

Materia Medica.

1. Dr. B. N. Ghosh, M.B., L.M.F., F.R.F.P. & S., Carmichael Medical College, Calcutta.
2. Dr. Jyotischandra Gupta, M.B., School of Tropical Medicine, Calcutta.

Pathology.

1. Dr. D. N. Banerjee, M.D., Carmichael Medical College, Calcutta.
2. Dr. Anwar Ali, Assistant Professor of Pathology, Calcutta Medical College.

THIRD EXAMINATION.

Medical Jurisprudence.

1. Khan Sahib Dr. Kabir Hossain, M.B., D.T.M., F.S.M.F., Medical College, Calcutta.
2. Captain S. K. Bose, M.B., Calcutta Medical School.

Hygiene.

1. Rai Bahadur Dr. Jaharlal Das, L.M.S., Carmichael Medical College, Calcutta.
2. Dr. M. U. Ahmed, M.B., D.P.H.

FINAL EXAMINATION.*Medicine.*

1. Dr. A. K. M. Abdul Wahed, M.B., M.R.C.P., F.R.F.P.S. & S., Medical College, Calcutta.
2. Dr. R. N. Chaudhuri, M.B., M.R.C.P., School of Tropical Medicine, Calcutta.

Surgery.

1. Dr. P. Ray, M.B., F.R.F.P. & S.
2. Lt.-Col. F. J. Anderson, F.R.C.S., I.M.S. (Retd.).

Midwifery.

1. Lt.-Col. H. E. Murray, F.R.C.S., Medical College, Calcutta.
2. Dr. J. C. Chatterjee, L.M.S., F.S.M.F.

Membership Examination (new Regulations).**FIRST EXAMINATION.***Organic and Physical Chemistry.*

1. Rai Bahadur Dr. K. N. Bagehi, M.B., Calcutta Medical College.
2. Dr. Qudrat-l-Khuda, Presidency College, Calcutta.

Anatomy.

1. Dr. S. C. Sinha, B.Sc., M.B., F.R.C.S., Calcutta Medical College.
2. Dr. D. P. Banerjee, M.B., Carmichael Medical College, Calcutta.

Physiology.

1. Captain P. De, M.B., M.R.C.P., Calcutta Medical College.
2. Dr. M. M. Datta, L.M.S.

Pharmacology.

1. Dr. B. N. Ghosh, M.B., L.M., F.R.F.P. & S., Carmichael Medical College, Calcutta.
2. Dr. J. C. Gupta, M.B., School of Tropical Medicine, Calcutta.

Statement showing the full marks and minimum pass marks

MEMBERSHIP.	Written.	Oral.	Practical.
<i>First Examination.</i>			
Organic and Physical Chemistry	100	50	50
Anatomy	200	100	100
Physiology	200	100	100
Toxicological Chemistry and Elementary Pharmacology	100	50	50

Pass marks=Aggregate 50 per cent., Practical 50 per cent., and Theoretical and Oral 40 per cent.

	Written.	Oral.	Practical.	Clinical.
<i>Final Examination.</i>				
<i>Part I.—</i>				
Medicine	200	100	100	100
Applied Pathology	100	50	50	..
Applied Pharmacology	100	50	..	..
Public Health and Hygiene	100	50	..	..
Forensic and State Medicine	100	50	..	..

<i>Part II.—</i>				
Surgery	200	100	100	100
Ophthalmology and diseases of E.N.T. ..	100	50	..	50
Obstetrics and Gynaecology	200	100	100	100

Pass marks= Aggregate 50 per cent., Practical 50 per cent., Clinical 50 per cent., Written and Oral 40 per cent.

	Full marks.			Pass marks.	
	Written.	Oral and Practical.	Total.	Oral and Practical.	Total.
<i>Licentiate ship.</i>					
<i>Primary—</i>					
Physics	50	50	100	20	40
Chemistry	50	50	100	20	40

	Written.	Oral.	Practical.	Written.	Oral.	Practical.
<i>Intermediate—</i>						
Anatomy	200	100	200	120	..	80
Physiology	200	100	200	120	..	80
Elementary Pharmacology.	200	100	200	120	..	80
<i>Final—</i>						
Medicine	200	100	200	120	..	80
Surgery	200	100	200	120	..	80
Midwifery	200	100	200	120	..	80
Medical Jurisprudence	50	50	..	40	..	..
Hygiene	50	50	..	40	..	..

				Full marks.			Pass marks.	
				Written.	Oral and Practical.	Total.	Oral and Practical.	Total.
Compoundership	..	..	..	500	500	1,000	250	400
Dressership	..	..	..	Oral.	Practical.	Total.	Practical.	Total.
				250	250	500	125	200
				Written.	Oral and Practical.		Written.	Oral and Practical.
<i>Dental Examination.</i>								
<i>Primary—</i>								
Chemistry	..	..	..	..	100	100	40	40
Physics	..	..	..	..	100	100	40	40
Biology	..	..	..	..	100	100	40	40
<i>Intermediate—</i>								
General Anatomy				..	100	100	40	40
General Physiology, etc.			}	..	..	..	..	..
Dental Anatomy, etc.	..	..	..	..	100	100	40	40
Dental Prosthetics	..	..	..	..	100	..	40	..
<i>Final—</i>								
General Surgery, etc.	..	..	..	..	100	100	40	40
General Medicine, etc.	..	..	..	..	100	100	40	40
Dental Surgery, etc.	..	..	..	..	100	100	40	40